KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-8	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	96
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 12 35	Lab File ID	8CC02336		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	10	1
95-47 6	o-Xylene	ug/kg	0 54	J	5 2	1
108-38 3	m-Xylene	ug/kg	2 0	J X	5 2	1
106-42-3	p-Xylene	ug/kg		X	5 2	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	102	(80 - 120%)
1 2-Dichloroethane-d4	101	(80 - 120%)
Toluene-d8	105	(81 - 117%)
4-Bromofluorobenzene	114	(74 - 121%)

Lab Sample ID	L9806146-02	Matrix	Soil	% Solid	95
Client Sample ID	SVE-9	Collected	06/04/98 810	COC Info	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	95		1 0	1	N/A	DLN	06/10/98	10 18	D2216-90

RL Reporting Limit

Login #L9806146
June 16 1998 01 08 pm

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE 9	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	95
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 13 08	Lab File ID	8CC02337		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	100	J	110	1
71-43-2	Benzene	ug/kg	0 34	J	5 3	1
108-86-1	Bromobenzene	ug/kg		ND	5 3	1
74-97-5	Bromochloromethane	ug/kg		ND	5 3	1
75-27-4	Bromodichloromethane	ug/kg		ND	5 3	1
75-25-2	Bromoform	ug/kg		ND	5 3	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg	25	J	110	1
104 51-8	n-Butylbenzene	ug/kg		ND	5 3	1
135 98-8	sec-Butylbenzene	ug/kg		ND	5 3	1
98 06 6	tert-Butylbenzene	ug/kg		ND	5 3	1
75-15-0	Carbon disulfide	ug/kg		ND	5 3	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 3	1
108-90-7	Chlorobenzene	ug/kg		ND	5 3	1
124-48-1	Chlorodibromomethane	ug/kg		ND	5 3	1
75-00-3	Chloroethane	ug/kg		ND	11	1
110 75-8	2-Chloroethyl vinyl ether	ug/kg		ND	11	1
67 66-3	Chloroform	ug/kg		ND	5 3	1
74-87-3	Chloromethane	ug/kg		ND	11	1
95-49-8	2-Chlorotoluene	ug/kg		ND	5 3	1
106-43 4	4-Chlorotoluene	ug/kg		ND	5 3	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	5 3	1
106-93-4	1 2-Dibromoethane	ug/kg		ND	5 3	1
74-95-3	Dibromomethane	ug/kg		ND	5 3	1
95 50-1	1 2-Dichlorobenzene	ug/kg		ND	5 3	1
541 73-1	1 3-Dichlorobenzene	ug/kg		ND	5 3	1
106 46-7	1 4-Dichlorobenzene	ug/kg		ND	5 3	1
75 71-8	Dichlorodifluoromethane	ug/kg		ND	11	1
75 34-3	1 1-Dichloroethane	ug/kg	1 1	J	5 3	1
107 06-2	1 2-Dichloroethane	ug/kg		ND	5 3	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	5 3	1
156-59-2	cis-1 2-Dichloroethene	ug/kg	8 6		5 3	1
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	5 3	1
78 87-5	1 2-Dichloropropane	ug/kg		ND	5 3	1
142 28-9	1 3-Dichloropropane	ug/kg		ND	5 3	1
594 20-7	2 2-Dichloropropane	ug/kg		ND	5 3	1
10061 01-5	cis-1 3-Dichloropropene	ug/kg		ND	5 3	1
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	5 3	1
563-58-6	1 1-Dichloropropene	ug/kg		ND	5 3	1

RL Reporting L mit

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-9	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	95
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 13 08	Lab File ID	8CC02337		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/kg	2 0	J	5 3	1
591-78-6	2-Hexanone	ug/kg	8 8	J	11	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	5 3	1
98-82-8	Isopropylbenzene	ug/kg	0 24	J	5 3	1
99-87-6	p-Isopropyltoluene	ug/kg	0 36	J	5 3	1
108-10-1	4-Methyl-2-pentanone	ug/kg	6 1	J	11	1
75-09-2	Methylene chloride	ug/kg	0 87	J	5 3	1
91-20-3	Naphthalene	ug/kg	4 4	J	11	1
103-65-1	n-Propylbenzene	ug/kg		ND	5 3	1
100-42-5	Styrene	ug/kg		ND	5 3	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 3	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 3	1
127-18 4	Tetrachloroethene	ug/kg	12		5 3	1
108-88-3	Toluene	ug/kg	36		5 3	1
87-61 6	1 2 3-Trichlorobenzene	ug/kg		ND	5 3	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	5 3	1
71-55-6	1 1 1-Trichloroethane	ug/kg	4 2	J	5 3	1
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	5 3	1
79-01-6	Trichloroethene	ug/kg	23		5 3	1
75-69 4	Trichlorofluoromethane	ug/kg		ND	11	1
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	5 3	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg	3 8	J	5 3	1
108-67-8	1 3 5-Trimethylbenzene	ug/kg	0 99	J	5 3	1
108-05 4	Vinyl acetate	ug/kg		ND	11	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47 6	o-Xylene	ug/kg	7 3	X	5 3	1
108-38 3	m-Xylene	ug/kg		X	5 3	1
106-42-3	p-Xylene	ug/kg	3 7	X J	5 3	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	93 8	(80 - 120%)
1 2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	104	(81 - 117%)
4-Bromofluorobenzene	110	(74 - 121%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9806146 03
Client Sample ID SVE-6
Site/Work ID SC001/DAYTON THERM PROD 209-T

Matrix Soil
Collected 06/04/98 1400

% Solid 87
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	87		1 0	1	N/A	DLN	06/10/98	10 18	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9806146-03
Client Sample ID SVE-6
Site/Work ID SC001/DAYTON THERM PROD 209-T
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 06/04/98

Sample Weight N/A
Extract Volume N/A
% Solid 87

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 06/12/98 Time 13 52

Instrument HPMS8
Analyst JLH
Lab File ID 8CC02338

Method 8260B
Run ID R47724

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	60	J	110	1
71-43-2	Benzene	ug/kg		ND	5 7	1
108-86-1	Bromobenzene	ug/kg		ND	5 7	1
74-97-5	Bromochloromethane	ug/kg		ND	5 7	1
75-27-4	Bromodichloromethane	ug/kg		ND	5 7	1
75-25-2	Bromoform	ug/kg		ND	5 7	1
74 83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg	8 0	J	110	1
104-51-8	n-Butylbenzene	ug/kg		ND	5 7	1
135-98-8	sec-Butylbenzene	ug/kg		ND	5 7	1
98-06-6	tert-Butylbenzene	ug/kg		ND	5 7	1
75-15-0	Carbon disulfide	ug/kg		ND	5 7	1
56 23-5	Carbon tetrachloride	ug/kg		ND	5 7	1
108-90-7	Chlorobenzene	ug/kg		ND	5 7	1
124-48-1	Chlorodibromomethane	ug/kg		ND	5 7	1
75 00-3	Chloroethane	ug/kg		ND	11	1
110 75-8	2-Chloroethyl vinyl ether	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5 7	1
74-87-3	Chloromethane	ug/kg		ND	11	1
95 49-8	2-Chlorotoluene	ug/kg		ND	5 7	1
106-43-4	4-Chlorotoluene	ug/kg		ND	5 7	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	5 7	1
106-93-4	1 2-Dibromoethane	ug/kg		ND	5 7	1
74-95-3	Dibromomethane	ug/kg		ND	5 7	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-6	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 13 52	Lab File ID	8CC02338		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	5 7	1
541-73 1	1 3-Dichlorobenzene	ug/kg		ND	5 7	1
106-46 7	1,4-Dichlorobenzene	ug/kg		ND	5 7	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	11	1
75-34-3	1 1-Dichloroethane	ug/kg		ND	5 7	1
107-06-2	1 2-Dichloroethane	ug/kg		ND	5 7	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	5 7	1
156-59 2	cis-1 2-Dichloroethene	ug/kg	5 5	J	5 7	1
156-60 5	trans-1 2-Dichloroethene	ug/kg		ND	5 7	1
78-87-5	1 2-Dichloropropane	ug/kg		ND	5 7	1
142-28-9	1 3-Dichloropropane	ug/kg		ND	5 7	1
594-20 7	2,2-Dichloropropane	ug/kg		ND	5 7	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	5 7	1
10061-02 6	trans-1 3-Dichloropropene	ug/kg		ND	5 7	1
563-58 6	1 1-Dichloropropene	ug/kg		ND	5 7	1
100-41-4	Ethylbenzene	ug/kg		ND	5 7	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	5 7	1
98-82-8	Isopropylbenzene	ug/kg		ND	5 7	1
99-87-6	p-Isopropyltoluene	ug/kg		ND	5 7	1
108-10-1	4-Methyl-2-pentanone	ug/kg	1 4	J	11	1
75-09-2	Methylene chloride	ug/kg	0 84	J	5 7	1
91-20-3	Naphthalene	ug/kg		ND	11	1
103-65-1	n-Propylbenzene	ug/kg		ND	5 7	1
100-42-5	Styrene	ug/kg		ND	5 7	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 7	1
79-34-5	1 1,2 2-Tetrachloroethane	ug/kg		ND	5 7	1
127-18-4	Tetrachloroethene	ug/kg	5 1	J	5 7	1
108-88-3	Toluene	ug/kg	4 1	J	5 7	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	5 7	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	5 7	1
71-55-6	1 1 1-Trichloroethane	ug/kg	2 3	J	5 7	1
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	5 7	1
79 01-6	Trichloroethene	ug/kg	60		5 7	1
75-69-4	Trichlorofluoromethane	ug/kg		ND	11	1
96-18-4	1,2 3-Trichloropropane	ug/kg		ND	5 7	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg	0 44	J	5 7	1
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	5 7	1
108-05-4	Vinyl acetate	ug/kg		ND	11	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-6	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 13 52	Lab File ID	8CC02338		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg	0 26	J	5 7	1
108 38-3	m-Xylene	ug/kg	0 86	J X	5 7	1
106 42-3	p-Xylene	ug/kg		X	5 7	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	103	(80 - 120%)
1 2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	104	(81 - 117%)
4-Bromofluorobenzene	111	(74 - 121%)

Lab Sample ID	L9806146-04	Matrix	Soil	% Solid	89
Client Sample ID	SVE-12	Collected	06/04/98 1500	COC Info	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	89		1 0	1	N/A	DLN	06/10/98	10 18	D2216-90

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-12	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	89
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 15 33	Lab File ID	8CC02341		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	65	J	110	1
71-43-2	Benzene	ug/kg		ND	5 6	1
108-86-1	Bromobenzene	ug/kg		ND	5 6	1
74-97-5	Bromochloromethane	ug/kg		ND	5 6	1
75-27-4	Bromodichloromethane	ug/kg		ND	5 6	1
75-25-2	Bromoform	ug/kg		ND	5 6	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78-93-3	2-Butanone	ug/kg	11	J	110	1
104-51-8	n-Butylbenzene	ug/kg		ND	5 6	1
135-98-8	sec-Butylbenzene	ug/kg		ND	5 6	1
98-06-6	tert-Butylbenzene	ug/kg		ND	5 6	1
75-15-0	Carbon disulfide	ug/kg		ND	5 6	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 6	1
108-90-7	Chlorobenzene	ug/kg		ND	5 6	1
124-48-1	Chlorodibromomethane	ug/kg		ND	5 6	1
75-00-3	Chloroethane	ug/kg		ND	11	1
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5 6	1
74-87-3	Chloromethane	ug/kg		ND	11	1
95-49-8	2-Chlorotoluene	ug/kg		ND	5 6	1
106-43-4	4-Chlorotoluene	ug/kg		ND	5 6	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	5 6	1
106-93-4	1 2-Dibromoethane	ug/kg		ND	5 6	1
74-95-3	Dibromomethane	ug/kg		ND	5 6	1
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	5 6	1
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	5 6	1
106-46-7	1 4-Dichlorobenzene	ug/kg		ND	5 6	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	11	1
75-34-3	1 1-Dichloroethane	ug/kg		ND	5 6	1
107-06-2	1 2-Dichloroethane	ug/kg		ND	5 6	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	5 6	1
156-59-2	cis-1 2-Dichloroethene	ug/kg	13		5 6	1
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	5 6	1
78-87-5	1 2-Dichloropropane	ug/kg		ND	5 6	1
142-28 9	1 3-Dichloropropane	ug/kg		ND	5 6	1
594-20-7	2 2-Dichloropropane	ug/kg		ND	5 6	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	5 6	1
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	5 6	1
563-58-6	1 1-Dichloropropene	ug/kg		ND	5 6	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9806146-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE-12	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Soil	Date Collected	06/04/98	% Solid	89
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	JLH	Run ID	R47724
Analysis Date	06/12/98 Time 15 33	Lab File ID	8CC02341		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/kg	0 63	J	5 6	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	5 6	1
98-82-8	Isopropylbenzene	ug/kg		ND	5 6	1
99 87-6	p-Isopropyltoluene	ug/kg		ND	5 6	1
108-10 1	4-Methyl-2-pentanone	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg	0 92	J	5 6	1
91-20-3	Naphthalene	ug/kg		ND	11	1
103-65-1	n-Propylbenzene	ug/kg		ND	5 6	1
100-42-5	Styrene	ug/kg		ND	5 6	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 6	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 6	1
127-18-4	Tetrachloroethene	ug/kg	3 0	J	5 6	1
108-88-3	Toluene	ug/kg	4 4	J	5 6	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	5 6	1
120-82 1	1 2 4-Trichlorobenzene	ug/kg		ND	5 6	1
71-55-6	1 1 1-Trichloroethane	ug/kg	0 69	J	5 6	1
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	5 6	1
79-01-6	Trichloroethene	ug/kg	57		5 6	1
75-69-4	Trichlorofluoromethane	ug/kg		ND	11	1
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	5 6	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg	0 45	J	5 6	1
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	5 6	1
108-05-4	Vinyl acetate	ug/kg		ND	11	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
95-47-6	o-Xylene	ug/kg	0 45	J	5 6	1
108-38-3	m-Xylene	ug/kg	1 8	J,X	5 6	1
106-42-3	p-Xylene	ug/kg		X	5 6	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	104	(80 - 120%)
1 2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	104	(81 - 117%)
4-Bromofluorobenzene	111	(74 - 121%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9806146-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB060498	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Water	Date Collected	06/04/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260B
Extract Date	N/A	Analyst	SLT	Run ID	R47536
Analysis Date	06/09/98 Time 17 15	Lab File ID	2CU24671		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans 1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9806146-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB060498	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Water	Date Collected	06/04/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260B
Extract Date	N/A	Analyst	SLT	Run ID	R47536
Analysis Date	06/09/98 Time 17 15	Lab File ID	2CU24671		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L	1 6	J	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20 6	1 1 1,2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05 4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1 2-Dichloroethane-d4	99 6	(80 - 120%)
Toluene-d8	98 0	(88 - 110%)
4-Bromofluorobenzene	95 9	(86 - 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9806146-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB060498	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Water	Date Collected	06/04/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260B
Extract Date	N/A	Analyst	SLT	Run ID	R47536
Analysis Date	06/09/98 Time 17 51	Lab File ID	2CU24672		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3 chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9806146-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB060498	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERM PROD 209-T				
Matrix	Water	Date Collected	06/04/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260B
Extract Date	N/A	Analyst	SLT	Run ID	R47536
Analysis Date	06/09/98 Time 17 51	Lab File ID	2CU24672		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	700	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09 2	Dichloromethane	ug/L	3 3	J	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	100	1
630-20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	95 9	(86 - 118%)
1 2-Dichloroethane-d4	99 4	(80 - 120%)
Toluene-d8	93 1	(88 - 110%)
4-Bromofluorobenzene	93 3	(86 - 115%)

RL Reporting Limit

Order # 98 06 146
June 16 1998 01 08 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Analyst	Date Collected	Run Date	Run Time	Department
WG41581	R47536	L9806146 05		Water	Volatile Organics	8260B	SLT	04 JUN 1998	09 JUN 1998	17 15	Volatile GC/MS
WG41581	R47536	L9806146 06		Water	Volatile Organics	8260B	SLT	04 JUN 1998	09 JUN 1998	17 51	Volatile GC/MS
WG41629	R47566	L9806146 01		Soil	Percent Solids	D2216 90	DLN	04 JUN 1998	10 JUN 1998	10 18	Conventionals
WG41629	R47566	L9806146 02		Soil	Percent Solids	D2216 90	DLN	04 JUN 1998	10 JUN 1998	10 18	Conventionals
WG41629	R47566	L9806146 03		Soil	Percent Solids	D2216 90	DLN	04 JUN 1998	10 JUN 1998	10 18	Conventionals
WG41629	R47566	L9806146 04		Soil	Percent Solids	D2216 90	DLN	04 JUN 1998	10 JUN 1998	10 18	Conventionals
WG41799	R47724	L9806146 01		Soil	Volatile Organics	8260B	JLH	04 JUN 1998	12 JUN 1998	12 35	Volatile GC/MS
WG41799	R47724	L9806146 02		Soil	Volatile Organics	8260B	JLH	04 JUN 1998	12 JUN 1998	13 08	Volatile GC/MS
WG41799	R47724	L9806146 03		Soil	Volatile Organics	8260B	JLH	04 JUN 1998	12 JUN 1998	13 52	Volatile GC/MS
WG41799	R47724	L9806146 04		Soil	Volatile Organics	8260B	JLH	04 JUN 1998	12 JUN 1998	15 33	Volatile GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

05/19/98

ALC	Ann L Clark
BAD	Becky A Diehl
BWH	Ben W Haynes
CEB	Chad E Barnes
CDB	Christy D Burton
CLH	Chris L Hurst
CMS	Crystal M Stevens
CRC	Carla R Cochran
DIH	Deanna I Hesson
DLN	Deanna L Norton
DLP	Dorothy L Payne
ECL	Eric C Lawson
FEH	Fay E Harmon
HV	Hema Vilasagar
JLH	Janice L Holland
JMM	Jim M Monk
JWR	John W Richards
JYH	Ji Y Hu
KHA	Kim H Archer
KMM	Kevin M McDonald
KMS	Kevin M Stutler
KRA	Kathy R Albertson
MAR	MaryAnn Roach
MDA	Mike D Albertson
MDC	Michael D Cochran
MES	Mary E Schiling
MLS	Michael L Schimmel
MMB	Maren M Beery
MZL	Melanie Z Lewis
RDC	Rebecca D Cutlip
RDS	Rebecca D Sutton
REF	Ron E Fertile
REK	Robert E Kyer
RSS	Regina S Simmons
RWC	Rodney W Campbell
SJK	Sindy J Kinney
SJM	Shawn J Marshall
SKH	Shellie K Hamrick
SLP	Sheri L Pfalzgraf
SLT	Stephanie L Tepe
SMW	Shauna M Welch
SPL	Steve P Learn
TJW	Thomas J Ware
TRS	Todd R Stack
VC	Vicki Collier
VMN	Vincent M Nedeff
WCD	Wade C Dawson

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
March 9, 1998

Qualifier	Description
(A)	See the report narrative
(B)	See the report narrative
(C)	See the report narrative
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
X	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1 2-Diphenylhydrazine is unstable and is reported as azobenzene
3 N nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m-Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX They are not always achievable for every compound and are matrix dependent

ORGANIC QA/QC

KEMRON
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KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41581	Run Date	6/9/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_2	SMPL Num	06 137-01	SMPL DF	10
Matrix	Water	BLK FLNM	2BK24660	SMPL FLNM	2PP24663	MS DF	10
Units	ug/L	BLK2 FLNM	NA	MS FLNM	2PP24664	MSD DF	10
		LCS FLNM	2QC24659	MSD FLNM	2PP24665		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	10 0	ND	ND	13 9	NA	20 0	ND	12 6	13 2	20 0	69 5	NA	38 0	148 0	63 0	66 0	60 0	140 0	4 7	20 0
chloromethane	10 0	ND	ND	16 8	NA	20 0	ND	14 8	15 6	20 0	84 0	NA	56 0	132 0	74 0	78 0	D	273 0	5 3	20 0
vinyl chloride	10 0	ND	ND	19 7	NA	20 0	ND	17 7	17 7	20 0	98 5	NA	68 0	126 0	88 5	88.5	D	251 0	0 0	20 0
bromomethane	10 0	ND	ND	19 2	NA	20 0	ND	16 8	17 8	20 0	96 0	NA	56 0	138 0	84 0	89 0	D	242 0	5 8	20 0
chloroethane	10 0	ND	ND	19 7	NA	20 0	ND	17 1	18 6	20 0	98 5	NA	70 0	128 0	85 5	93 0	14.0	230 0	8 4	20.0
trichlorofluoromethane	10 0	ND	ND	24 3	NA	20 0	ND	22 3	23 9	20 0	121 5	NA	70 0	127 0	111 5	119 5	17 0	181 0	6 9	20 0
freon 113	NTC	ND	ND	NA	NA	20 0	ND	NA	NA	20 0	NA	NA	NA	NA	NA	NA	70 0	130 0	NA	20.0
acetone	100 0	ND	ND	16 8	NA	20 0	4 9	19 6	19 1	20 0	83 0	NA	44 0	114 0	73 8	71 3	70 0	130 0	2 6	20 0
1 1-dichloroethene	5 0	ND	ND	20 1	NA	20 0	ND	17 9	18 5	20 0	100 5	NA	69 0	144.0	89 5	93 0	D	234 0	3 8	20.0
iodomethane	NTC	ND	ND	23 4	NA	20 0	ND	33 7	34 5	20 0	117 0	NA	NA	NA	168 5	172 5	70 0	130 0	2 3	20 0
methylene chloride	5 0	ND	ND	21 1	NA	20 0	2 6	21 0	20 4	20 0	105 5	NA	71 0	128.0	92 0	89.0	D	221 0	2 9	20 0
carbon disulfide	5 0	ND	ND	22 8	NA	20 0	43 5	68 4	69 3	20 0	114 0	NA	67 0	136 0	124 5	129 0	70 0	130 0	1 3	20 0
acrylonitrile	NTC	ND	ND	NA	NA	20 0	ND	NA	NA	20 0	NA	NA	NA	NA	NA	NA	70 0	130 0	NA	20.0
trans 1 2 dichloroethene	5 0	ND	ND	20 8	NA	20 0	ND	19 2	19 9	20 0	104 0	NA	85 0	133 0	96 0	99 5	54 0	156 0	3 6	20 0
vinyl acetate	10 0	ND	ND	20 5	NA	20 0	ND	20 3	21 6	20 0	102 5	NA	9 0	238.0	101 5	108.0	9.0	236 0	6 2	20.0
1 1 dichloroethane	5 0	ND	ND	19 7	NA	20 0	ND	18 1	18 4	20 0	98 5	NA	82 0	124 0	90 5	92 0	59 0	155 0	1 6	20 0
2 butanone	100 0	ND	ND	21 4	NA	20 0	ND	23 9	20 9	20 0	107 0	NA	43 0	140.0	119.5	104.5	70.0	130 0	13 4	20.0
2 2 dichloropropane	5 0	ND	ND	19 7	NA	20 0	ND	17 7	18 1	20 0	98 5	NA	77 0	126 0	88 5	90 5	60 0	140 0	2 2	20 0
cis 1 2 dichloroethene	5 0	ND	ND	18 9	NA	20 0	ND	17 4	18 1	20 0	94 5	NA	69 0	130 0	87 0	90 5	60.0	140 0	3 9	20 0
chloroform	5 0	ND	ND	19 3	NA	20 0	ND	18 2	18 4	20 0	96 5	NA	83 0	121 0	91 0	92 0	51 0	138 0	1 1	20 0

Notes and Definitions

RDL = Reporting Detection Limit
BLK = Method Blank
BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
SMPL = Sample Results
MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable

KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41581	Run Date	6/9/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_2	SMPL Num	06 137 01	SMPL DF	10
Matrix	Water	BLK FLNM	2BK24660	SMPL FLNM	2PP24663	MS DF	10
Units	ug/L	BLK2 FLNM	NA	MS FLNM	2PP24664	MSD DF	10
		LCS FLNM	2QC24659	MSD FLNM	2PP24665		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
	RDL	BLK	BLK2	LCS	LCS2	LCS Spike Level	SMPL	MS	MSD	MS Spike Level	LCS	LCS2	LCS LCL	LCS UCL	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
bromochloromethane	5 0	ND	ND	19 3	NA	20 0	ND	18 7	18 8	20 0	96 5	NA	85 0	118 0	93 5	94 0	60 0	140 0	0 5	20 0
1 1 1 trichloroethane	5 0	ND	ND	19 3	NA	20 0	ND	17 5	17 8	20 0	96 5	NA	74.0	125 0	87 5	89 0	52 0	162 0	1 7	20 0
1 1 dichloropropene	5 0	ND	ND	21 2	NA	20 0	ND	19 3	19 7	20 0	106 0	NA	85 0	126 0	96 5	98 5	60 0	140 0	2 1	20 0
carbon tetrachloride	5 0	ND	ND	20 1	NA	20 0	ND	18 0	18 7	20 0	100 5	NA	73 0	129 0	90 0	93 5	70 0	140 0	3 8	20 0
1 2 dichloroethane	5 0	ND	ND	19 6	NA	20 0	ND	18 2	18 4	20 0	98 0	NA	76 0	123 0	91 0	92 0	49 0	155 0	1 1	20 0
benzene	5 0	ND	ND	19 3	NA	20 0	ND	17 7	18 0	20 0	96 5	NA	86 0	118 0	88 5	90 0	37 0	151 0	1 7	20 0
trichloroethene	5 0	ND	ND	19 8	NA	20 0	ND	17 8	18 2	20 0	99 0	NA	82 0	120 0	89 0	91 0	71 0	157 0	2 2	20 0
1 2 dichloropropane	5 0	ND	ND	18 9	NA	20 0	ND	17 9	17 8	20 0	94 5	NA	74.0	126 0	89 5	89 0	D	210 0	0 6	20.0
bromodichloromethane	5 0	ND	ND	19 7	NA	20 0	ND	18 1	18 4	20 0	98 5	NA	74 0	126 0	90 5	92 0	35 0	155 0	1 6	20 0
dibromomethane	5 0	ND	ND	20 1	NA	20 0	ND	18 5	18 9	20 0	100 5	NA	78.0	125 0	92 5	94.5	60 0	140 0	2 1	20.0
2 chloroethylvinyl-ether	10 0	ND	ND	20 4	NA	20 0	ND	21 9	23 1	20 0	102 0	NA	68 0	144 0	109 5	115 5	70 0	130 0	5 3	20 0
4 methyl-2 pentanone	10 0	ND	ND	20 4	NA	20 0	ND	22 4	23 7	20 0	102 0	NA	78.0	127 0	112.0	118 5	70 0	130.0	5 6	20.0
cis 1 3-dichloropropene	5 0	ND	ND	20 1	NA	20 0	ND	18 5	18 8	20 0	100 5	NA	77 0	123 0	92 5	94 0	D	227 0	1 6	20 0
toluene	5 0	ND	ND	19 6	NA	20 0	ND	18 0	18 7	20 0	98 0	NA	83.0	119 0	0 0	0 0	47 0	150.0	3 8	20.0
trans 1 3 dichloropropene	5 0	ND	ND	20 2	NA	20 0	ND	18 2	18 8	20 0	101 0	NA	74 0	124 0	91 0	94 0	17 0	183 0	3 2	20 0
1 1 2 trichloroethane	5 0	ND	ND	19 7	NA	20 0	ND	17 9	18 9	20 0	98 5	NA	72.0	119 0	89 5	94 5	52.0	150 0	5.4	20 0
2 hexanone	10 0	ND	ND	20 0	NA	20 0	ND	20 6	23 5	20 0	100 0	NA	55 0	114 0	103 0	117 5	70 0	130 0	13 2	20 0
1 3-dichloropropane	5 0	ND	ND	19 8	NA	20 0	ND	17 9	19 0	20 0	98 0	NA	73 0	122 0	89 5	95 0	60.0	140 0	6 0	20 0
tetrachloroethene	5 0	ND	ND	19 8	NA	20 0	ND	18 0	18 6	20 0	99 0	NA	82 0	120 0	90 0	93 0	64 0	148 0	3 3	20 0
dibromochloromethane	5 0	ND	ND	19 9	NA	20 0	ND	18 3	19 2	20 0	99 5	NA	72.0	121 0	91 5	96 0	53 0	149 0	4 8	20 0

Notes and Definitions

RDL = Reporting Detection Limit
BLK = Method Blank
BLK2 = Second Method Blank
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LCS2 = Second Laboratory Control Sample
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MS/MSD = Matrix Spike / Matrix Spike Duplicate
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KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41681	Run Date	6/9/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_2	SMPL Num	06-137 01	SMPL DF	10
Matrix	Water	BLK FLNM	2BK24660	SMPL FLNM	2PP24663	MS DF	10
Units	ug/L	BLK2 FLNM	NA	MS FLNM	2PP24664	MSD DF	10
		LCS FLNM	2QC24659	MSD FLNM	2PP24665		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
1 2 dibromoethane	5 0	ND	ND	19 3	NA	20 0	ND	18 2	18 5	20 0	96 5	NA	75 0	121 0	91 0	92 5	60 0	140 0	1 6	20 0
chlorobenzene	5 0	ND	ND	19 4	NA	20 0	ND	18 2	18 4	20 0	97 0	NA	83.0	120 0	91 0	92 0	37 0	160 0	1 1	20 0
1 1 1 2 tetrachloroethane	5 0	ND	ND	19 4	NA	20 0	ND	18 2	18 7	20 0	97 0	NA	79 0	118 0	91 0	93 5	60 0	140 0	2 7	20 0
ethylbenzene	5 0	ND	ND	19 7	NA	20 0	ND	18 0	18 6	20 0	98 5	NA	82 0	119 0	90 0	94 0	37 0	162 0	4 3	20 0
m+p xylene	5 0	ND	ND	38 9	NA	40 0	ND	36 1	36 7	40 0	97 3	NA	81 0	121 0	90 3	91 8	60 0	140 0	1 6	20 0
o-xylene	5 0	ND	ND	19 6	NA	20 0	ND	18 3	18 5	20 0	98 0	NA	81 0	199 0	91 5	92 5	60 0	140 0	1 1	20.0
styrene	5 0	ND	ND	20 0	NA	20 0	ND	18 2	18 4	20 0	100 0	NA	81 0	118 0	91 0	92 0	60 0	140 0	1 1	20 0
bromoform	5 0	ND	ND	19 1	NA	20 0	ND	17 7	18 4	20 0	95 5	NA	68 0	129 0	88 5	92 0	45 0	169 0	3 9	20 0
isopropylbenzene	5 0	ND	ND	19 9	NA	20 0	ND	17 9	18 4	20 0	99 5	NA	81 0	121 0	89 5	92 0	60 0	140 0	2 8	20 0
1 1 2 2 tetrachloroethane	5 0	ND	ND	19 5	NA	20 0	ND	17 7	18 4	20 0	97 5	NA	61 0	137 0	88 5	92 0	46 0	157 0	3 9	20 0
1 2 3 trichloropropane	5 0	ND	ND	19 8	NA	20 0	ND	17 2	18 6	20 0	99 0	NA	72 0	130 0	86 0	93 0	60 0	140 0	7 8	20 0
trans 1 4-dichloro-2-butene	NTC	ND	ND	NA	NA	20 0	ND	ND	ND	20 0	ND	NA	NA	NA	NA	NA	NA	NA	NA	20 0
propyl benzene	5 0	ND	ND	19 6	NA	20 0	ND	17 8	18 4	20 0	98 0	NA	69 0	136 0	89 0	92 0	60 0	140 0	3 3	20 0
bromobenzene	5 0	ND	ND	19 3	NA	20 0	ND	17 9	18 0	20 0	96 5	NA	86 0	118 0	89 5	90 0	60 0	140 0	0 6	20 0
1 3 5 trimethylbenzene	5 0	ND	ND	19 8	NA	20 0	ND	18 2	18 5	20 0	99 0	NA	83 0	121 0	91 0	92 5	60 0	140 0	1 6	20 0
2 chlorotoluene	5 0	ND	ND	20 7	NA	20 0	ND	17 2	19 2	20 0	103 5	NA	80 0	128 0	86 0	96 0	60.0	140 0	11 0	20 0
4 chlorotoluene	5 0	ND	ND	18 6	NA	20 0	ND	18 8	17 3	20 0	93 0	NA	80 0	125 0	94 0	86 5	60 0	140 0	8 3	20 0
tert butyl-benzene	5 0	ND	ND	19 5	NA	20 0	ND	17 8	18 3	20 0	97 5	NA	79 0	114 0	89 0	91 5	60 0	140 0	2 8	20 0
1 2 4 trimethylbenzene	5 0	ND	ND	19 9	NA	20 0	ND	18 3	18 6	20 0	99 5	NA	84 0	121 0	91 5	93 0	60 0	140 0	1 6	20 0
sec butyl-benzene	5 0	ND	ND	19 8	NA	20 0	ND	18 0	18 6	20 0	99 0	NA	81 0	122 0	90 0	93 0	60 0	140 0	3 3	20 0

Notes and Definitions

RDL = Reporting Detection Limit
BLK = Method Blank
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LCS2 = Second Laboratory Control Sample
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KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41581	Run Date	6/9/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_2	SMPL Num	06 137 01	SMPL DF	10
Matrix	Water	BLK FLNM	2BK24660	SMPL FLNM	2PP24663	MS DF	10
Units	ug/L	BLK2 FLNM	NA	MS FLNM	2PP24664	MSD DF	10
		LCS FLNM	2QC24659	MSD FLNM	2PP24665		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
p isopropyl toluene	5 0	ND	ND	19 3	NA	20 0	ND	17 8	18 4	20 0	96 5	NA	80 0	119 0	89 0	92 0	60 0	140 0	3 3	20 0
1 3-dichlorobenzene	5 0	ND	ND	19 8	NA	20 0	ND	17 9	18 3	20 0	99 0	NA	85 0	119 0	89 5	91 6	60 0	140 0	2 2	20.0
1 4 dichlorobenzene	5 0	ND	ND	19 3	NA	20 0	ND	17 6	17 8	20 0	96 5	NA	82 0	122 0	88 0	89 0	18 0	190 0	1 1	20 0
n butyl-benzene	5 0	ND	ND	19 9	NA	20 0	ND	18 6	19 2	20 0	99 5	NA	80.0	125 0	93 0	96 0	60 0	140 0	3 2	20 0
1 2 dichlorobenzene	5 0	ND	ND	19 7	NA	20 0	ND	18 1	18 2	20 0	98 5	NA	86 0	119 0	90 5	91 0	19 0	190 0	0 6	20 0
1 2 dibromo-3-chloropropane	5 0	ND	ND	19 5	NA	20 0	ND	17 2	17 4	20 0	97 5	NA	66 0	134.0	86.0	87 0	60 0	140 0	1 2	20 0
1 2 4 trichlorobenzene	5 0	ND	ND	19 6	NA	20 0	ND	18 1	18 0	20 0	98 0	NA	78 0	122 0	90 5	90 0	60 0	140 0	0 6	20 0
hexachlorobutadiene	5 0	ND	ND	20 3	NA	20 0	ND	19 0	19 3	20 0	101 5	NA	73.0	125 0	95 0	96 5	60 0	140 0	1 6	20 0
napthalene	10 0	ND	ND	22 6	NA	20 0	2 39	19 6	20 9	20 0	113 0	NA	74 0	148 0	86 1	92 6	60 0	140 0	6 4	20 0
1 2 3 trichlorobenzene	5 0	ND	ND	19 5	NA	20 0	ND	17 8	18 1	20 0	97 5	NA	74 0	124 0	88 0	90 5	60 0	140.0	2 8	20.0

BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
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MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable
RDL = Reporting Detection Limit
BLK = Method Blank

KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41799	Run Date	6/12/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_8	SMPL Num	06 146-03	SMPL DF	1
Matrix	Soil	BLK FLNM	8BK02333	SMPL FLNM	8CC02338	MS DF	1
Units	ug/kg	BLK2 FLNM	NA	MS FLNM	8CC02339 D	MSD DF	1
		LCS FLNM	8LC02332 D	MSD FLNM	8CC02340 D		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	10 0	ND	ND	14 4	NA	20 0	ND	13 4	13 4	20 0	72 1	NA	46.0	152 0	66 9	67 0	46 0	152 0	0 1	20 0
chloromethane	10 0	ND	ND	16 6	NA	20 0	ND	15 1	15 3	20 0	83 0	NA	64 0	140 0	75 3	76 5	64 0	140 0	1 6	20 0
vinyl chloride	10 0	ND	ND	18 8	NA	20 0	ND	16 9	17 5	20 0	93 9	NA	70 0	137 0	84 3	87 7	70 0	137 0	3 9	20 0
bromomethane	10 0	ND	ND	19 4	NA	20 0	ND	17 4	17 3	20 0	96 8	NA	62 0	147 0	87 1	86 6	62 0	147 0	0 6	20 0
chloroethane	10 0	ND	ND	20 5	NA	20 0	ND	19 0	18 9	20 0	102.5	NA	69 0	138.0	95.1	94 4	69.0	138 0	0 8	20.0
trichlorofluoromethane	10 0	ND	ND	25 3	NA	20 0	ND	22 2	22 5	20 0	126 5	NA	70 0	134 0	110 8	112 4	70 0	134 0	1 4	20.0
freon 113	10 0	ND	ND	NA	NA	20 0	ND	NA	NA	20 0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
acetone	100 0	ND	ND	17 6	NA	20 0	52 0	71 1	67 4	20 0	87 9	NA	14 0	171 0	95 8	76 9	14 0	171 0	5 4	20 0
1 1-dichloroethane	5 0	ND	ND	21 7	NA	20 0	ND	19 1	19 6	20 0	108.5	NA	70 0	140.0	95.6	97 9	70 0	140 0	2 4	20.0
iodomethane	10 0	ND	ND	23 9	NA	20 0	ND	19 7	21 1	20 0	119 4	NA	50 0	150 0	98 3	105 5	50 0	150 0	7 1	20 0
methylene chloride	5 0	ND	ND	19 9	NA	20 0	0 7	19 1	19 0	20 0	99 3	NA	57 0	148.0	91.6	91 1	57 0	148 0	0 7	20.0
carbon disulfide	5 0	ND	ND	17 1	NA	20 0	ND	14 5	15 1	20 0	85 5	NA	69 0	125 0	72 7	75 5	69 0	125 0	3 7	20.0
acrylonitrile	100 0	ND	ND	NA	NA	20 0	ND	NA	NA	20 0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
trans 1 2-dichloroethene	5 0	ND	ND	22 9	NA	20 0	ND	20 6	20 6	20 0	114 7	NA	75 0	141 0	102 9	102 9	75 0	141 0	0 0	20.0
vinyl acetate	10 0	ND	ND	16 6	NA	20 0	ND	14 1	12 5	20 0	83.2	NA	D	132.0	70.6	62.5	D	132 0	12 1	20.0
1 1-dichloroethane	5 0	ND	ND	21 1	NA	20 0	ND	19 5	19 3	20 0	105 3	NA	79 0	125 0	97 3	96 6	79 0	125 0	0 8	20 0
2-butanone	100 0	ND	ND	19 0	NA	20.0	7 0	26 4	24 7	20 0	94 8	NA	26.0	173.0	96 6	88 2	26 0	173 0	6 8	20 0
2 2-dichloropropane	5 0	ND	ND	21 1	NA	20 0	ND	18 8	19 0	20 0	165 4	NA	69 0	128 0	94 0	94 9	69 0	128 0	0 9	20.0
cis-1 2-dichloroethene	5 0	ND	ND	20 6	NA	20 0	4 8	25 0	25 4	20 0	102.9	NA	75.0	125 0	101 0	102.8	75.0	125 0	1 4	20 0
chloroform	5 0	ND	ND	21 3	NA	20 0	ND	19 2	19 0	20 0	106 6	NA	78 0	124 0	95 9	95 2	78 0	124 0	0 7	20 0

Notes and Definitions

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KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41799	Run Date	6/12/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_8	SMPL Num	06 146-03	SMPL DF	1
Matrix	Soil	BLK FLNM	8BK02333	SMPL FLNM	8CC02338	MS DF	1
Units	ug/kg	BLK2 FLNM	NA	MS FLNM	8CC02339 D	MSD DF	1
		LCS FLNM	8LC02332 D	MSD FLNM	8CC02340 D		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
bromochloromethane	5 0	ND	ND	21 8	NA	20 0	ND	20 7	20 0	20 0	108 2	NA	78 0	125 0	103 7	100 1	78 0	125 0	3 6	20.0
1 1 1 trichloroethane	5 0	ND	ND	21 6	NA	20 0	2 0	20 9	21 5	20 0	107 9	NA	77 0	124 0	94 5	97 5	77 0	124 0	2 8	20.0
1 1-dichloropropene	5 0	ND	ND	22 7	NA	20 0	ND	18 3	18 5	20 0	113 4	NA	85 0	132 0	91 3	92 6	85 0	132 0	1 4	20.0
carbon tetrachloride	5.0	ND	ND	21 8	NA	20 0	ND	17 2	18 0	20 0	108 9	NA	77 0	126 0	86 1	90 0	77 0	126 0	4 4	20.0
1 2-dichloroethane	5 0	ND	ND	21 5	NA	20 0	ND	19 8	19 4	20 0	107 4	NA	75 0	126 0	99 1	96 8	75 0	126 0	2 3	20.0
benzene	5 0	ND	ND	20 4	NA	20 0	ND	18 3	18 1	20 0	101 9	NA	81 0	122 0	91 5	90.4	81 0	122 0	1 2	20.0
trichloroethene	5 0	ND	ND	21 0	NA	20 0	52 2	75 8	86 8	20 0	104 8	NA	81 0	123 0	117 7	173 1	81 0	123 0	13 6	20.0
1 2-dichloropropane	5 0	ND	ND	20 2	NA	20 0	ND	18 1	18 0	20 0	101 0	NA	79 0	125.0	90 5	90.2	79 0	125 0	0 3	20.0
bromodichloromethane	5 0	ND	ND	22 0	NA	20 0	ND	19 4	19 3	20 0	110 1	NA	81 0	123 0	97 2	96 3	81 0	123 0	1 0	20.0
dibromomethane	5 0	ND	ND	21 7	NA	20 0	ND	19 9	19 5	20 0	108 4	NA	80 0	126 0	99 4	97.4	80 0	126 0	2 0	20.0
2-chloroethylvinyl-ether	5 0	ND	ND	40 4	NA	20 0	ND	38 7	39 0	20 0	202 0	NA	50 0	151 0	193 7	194 9	50 0	151 0	0 6	20.0
4-methyl 2-pentanone	10 0	ND	ND	24 0	NA	20 0	1 2	24 9	23 9	20 0	120 0	NA	38.0	162 0	118 9	113 6	38 0	162 0	4 4	20.0
cis 1 3-dichloropropene	5 0	ND	ND	20 8	NA	20 0	ND	18 2	17 9	20 0	104 2	NA	81 0	124 0	90 8	89 3	81 0	124 0	1 7	20.0
toluene	5 0	ND	ND	20 5	NA	20 0	3 6	19.8	20 7	20 0	102.4	NA	80.0	124 0	81 0	85 7	80 0	124 0	4 6	20.0
trans 1 3-dichloropropene	5 0	ND	ND	21 7	NA	20 0	ND	18 4	17 9	20 0	108 4	NA	80 0	122 0	91 9	89 7	80 0	122 0	2 4	20.0
1 1 2 trichloroethane	5 0	ND	ND	22 1	NA	20 0	ND	20 1	19 1	20 0	110 4	NA	79.0	123 0	100.4	95 7	79 0	123 0	4.7	20.0
2-hexanone	10 0	ND	ND	21 8	NA	20 0	ND	21 9	20 9	20 0	108 9	NA	31 0	149 0	109 3	104 3	31 0	149 0	4 7	20.0
1 3-dichloropropane	5 0	ND	ND	21 3	NA	20 0	ND	19 0	18 6	20 0	106 5	NA	79 0	123 0	95 0	92.9	79 0	123 0	2 3	20.0
tetrachloroethene	5 0	ND	ND	21 4	NA	20 0	4 4	20 3	21 3	20 0	107 0	NA	80 0	122 0	79 6	84 8	80 0	122 0	5 0	20.0
dibromochloromethane	5 0	ND	ND	22 0	NA	20 0	ND	18 4	17 7	20 0	109.8	NA	81 0	122.0	91 8	88 5	81 0	122 0	3 7	20 0

Notes and Definitions

RDL = Reporting Detection Limit
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KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41799	Run Date	6/12/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_8	SMPL Num	06 146-03	SMPL DF	1
Matrix	Soil	BLK FLNM	8BK02333	SMPL FLNM	8CC02338	MS DF	1
Units	ug/kg	BLK2 FLNM	NA	MS FLNM	8CC02339 D	MSD DF	1
		LCS FLNM	8LC02332 D	MSD FLNM	8CC02340 D		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
	RDL	BLK	BLK2	LCS	LCS2	LCS Spike Level	SMPL	MS	MSD	MS Spike Level	LCS	LCS2	LCS LCL	LCS UCL	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
1 2-dibromoethane	5 0	ND	ND	21 8	NA	20 0	ND	20 0	18 6	20 0	108 8	NA	79 0	125 0	100 2	93 0	79 0	125 0	7 5	20 0
chlorobenzene	5 0	ND	ND	21 4	NA	20 0	ND	16 4	16 0	20 0	106 9	NA	82 0	124 0	81 8	80 1	82 0	124 0	2 1	20 0
1 1 1 2 tetrachloroethane	5 0	ND	ND	22 0	NA	20 0	ND	18 3	17 7	20 0	110 2	NA	80 0	124 0	91 5	88 3	80 0	124 0	3 6	20 0
ethylbenzene	5 0	ND	ND	21 3	NA	20 0	ND	16 4	16 2	20 0	106 4	NA	78 0	127 0	82 2	81 1	78 0	127 0	1 3	20 0
m+p xylene	5 0	ND	ND	42 8	NA	40 0	0 8	32 5	31 6	40 0	106 9	NA	81 0	124 0	79 3	77 2	81 0	124 0	2 6	20 0
o-xylene	5 0	ND	ND	21 6	NA	20 0	0 2	16 7	16 1	20 0	107 8	NA	83 0	124 0	82 2	79 5	83 0	124 0	3 2	20 0
styrene	5 0	ND	ND	21 7	NA	20 0	ND	16 3	15 7	20 0	108 6	NA	80 0	122 0	81 3	78 3	80 0	122 0	3 8	20 0
bromoform	5 0	ND	ND	18 2	NA	20 0	ND	13 9	13 3	20 0	91 1	NA	67 0	134 0	69 6	66 7	67 0	134 0	4 3	20 0
isopropylbenzene	5 0	ND	ND	21 8	NA	20 0	ND	15 6	15 1	20 0	108 8	NA	82 0	124 0	77 9	75 7	82 0	124 0	2 9	20 0
1 1 2 2 tetrachloroethane	5 0	ND	ND	22 1	NA	20 0	ND	19 3	17 4	20 0	110 3	NA	71 0	136 0	96 5	87 1	71 0	136 0	10 2	20 0
1 2 3 trichloropropane	5 0	ND	ND	24 5	NA	20 0	ND	21 4	20 7	20 0	122 6	NA	70 0	139 0	107 2	103 3	70 0	139 0	3 7	20.0
trans-1 4-dichloro 2-butene	5 0	ND	ND	NA	NA	20 0	ND	NA	NA	20 0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
propyl benzene	5 0	ND	ND	21 2	NA	20 0	ND	14 5	14 2	20 0	106 0	NA	79 0	124 0	72 5	70 8	79 0	124 0	2 3	20 0
bromobenzene	5 0	ND	ND	21 1	NA	20 0	ND	16 0	14 4	20 0	105 5	NA	80.0	122 0	74 9	71 8	80 0	122 0	4 2	20 0
1 3 5 trimethylbenzene	5 0	ND	ND	21 3	NA	20 0	ND	14 9	14 4	20 0	106 4	NA	82 0	123 0	74 3	72 2	82 0	123 0	2 9	20 0
2-chlorotoluene	5 0	ND	ND	20 8	NA	20 0	ND	14 5	13 7	20 0	103 9	NA	77.0	126 0	72 3	68.3	77 0	126 0	5 8	20 0
4-chlorotoluene	5 0	ND	ND	21 3	NA	20 0	ND	14 4	14 3	20 0	106 5	NA	80 0	124 0	72 1	71 5	80 0	124 0	0 9	20.0
tert-butyl-benzene	5 0	ND	ND	20 8	NA	20 0	ND	14.4	14 2	20 0	103 9	NA	78 0	122.0	71.9	71 0	78 0	122 0	1 2	20 0
1 2 4-trimethylbenzene	5 0	ND	ND	21 4	NA	20 0	0 4	15 3	14 9	20 0	106 8	NA	83 0	123 0	74 8	72 6	83 0	123 0	2 9	20 0
sec-butyl-benzene	5 0	ND	ND	21 3	NA	20 0	ND	13 7	13 6	20 0	106 6	NA	80 0	124 0	68 5	68 1	80 0	124 0	0 7	20 0

Notes and Definitions

RDL = Reporting Detection Limit
BLK = Method Blank
BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
SMPL = Sample Results
MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable

KEMRON ENVIRONMENTAL SERVICES OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #	WG41799	Run Date	6/12/98	LCS2 FLNM	NA	LCS DF	1
Method	8260A	Instrument ID	HPMS_8	SMPL Num	06 146-03	SMPL DF	1
Matrix	Soil	BLK FLNM	8BK02333	SMPL FLNM	8CC02338	MS DF	1
Units	ug/kg	BLK2 FLNM	NA	MS FLNM	8CC02339 D	MSD DF	1
		LCS FLNM	8LC02332 D	MSD FLNM	8CC02340 D		

		CONCENTRATION PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
p-isopropyl toluene	5 0	ND	ND	20 9	NA	20 0	ND	14 0	13 4	20 0	104 4	NA	77 0	124 0	69 8	67 2	77 0	124 0	3 7	20 0
1 3-dichlorobenzene	5 0	ND	ND	21 0	NA	20 0	ND	13 4	12 8	20 0	105 0	NA	82 0	120 0	67 1	63 8	82 0	120 0	5 1	20 0
1 4-dichlorobenzene	5 0	ND	ND	19 9	NA	20 0	ND	13 2	12 1	20 0	99 7	NA	81 0	121 0	65 9	60 7	81 0	121 0	8 1	20 0
n-butyl-benzene	5 0	ND	ND	19 0	NA	20 0	ND	12 3	11 9	20 0	95 0	NA	81.0	125 0	61 3	59.3	81 0	125 0	3 4	20 0
1 2-dichlorobenzene	5 0	ND	ND	21 8	NA	20 0	ND	14 0	13 2	20 0	109 2	NA	84 0	122 0	70 2	65 8	84 0	122 0	6 5	20 0
1 2-dibromo 3-chloropropane	5 0	ND	ND	17 8	NA	20 0	ND	16 2	14 4	20 0	89 1	NA	55 0	155.0	81 1	72.0	55 0	155 0	12 0	20.0
1 2 4 trichlorobenzene	5 0	ND	ND	17 8	NA	20 0	ND	11 4	9 7	20 0	89 2	NA	78 0	124 0	56 8	48 6	78 0	124 0	15 5	20.0
hexachlorobutadiene	5 0	ND	ND	21 7	NA	20 0	ND	11 6	11 0	20.0	108 7	NA	73.0	127 0	58 1	55 1	73 0	127 0	5.3	20 0
napthalene	10 0	ND	ND	17 3	NA	20 0	ND	14 8	12 7	20 0	86 7	NA	56 0	152 0	73 8	63.3	56 0	152 0	15 2	20 0
1 2 3 trichlorobenzene	5 0	ND	ND	17 9	NA	20 0	ND	11 6	10 0	20 0	89 5	NA	76 0	128 0	57 8	50 1	76 0	128 0	14 3	20 0

BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
SMPL = Sample Results
MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable
RDL = Reporting Detection Limit
BLK = Method Blank

CHRYSLER CORPORATION — **Chain-of-Custody** — 00095 A

Drum Sampling TB-9 & TB-10

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1-800-833-5097 Fax Number (919) 379-8050	Project Name: Dayton Thermal Products Site Location: 400 Webster St. Dayton OH 45401 Site Code: SC001 RFA Number: YGQP9800209-T Chrysler PM: Gary Sanczuk	Consultant: Leggette, Brashears & Graham, Inc. Address: 1210 West County Road E St Paul, MN 55112 Consultant PM: Ken Vogel Phone: 612 490 1005 Fax: 612 490 1006

Turn-around Time Request: 24 calendar hrs. / 48 calendar hrs. / 10 days / 28 days

Data Package Deliverables: (circle) Chrysler Level 1 / Chrysler Level 2 / Other (specify):

Field Sample Identification	Date Collected	Time Collected	Composite (C) or Grab (G)	Matrix (S, W, O)	Number of Containers	VOCs - 8260	VOCs - 8260 TCLP											Remarks
Test Boring 9 & 10 Drum	6/4/98	1450	G	S	2		✓											Begin SDG 209-C
SVE-8		1000	G	S	2	✓												
SVE-9		810	G	S	2	✓												
SVE-6		1400	G	S	2	✓												
SVE-12		1500	G	S	2	✓												
FBC60498	6/4/98	1600	G	O	2	✓												
TBC66498	–	–	G	O	1	✓												End SDG 209-C

Vial held w/ hand sample

Sampler(s): Ken Hansen

Bottles Relinquished under AirBill No. FedX 802495 3403 — Samples Relinquished under AirBill No. FedX 802495 3403 — Temperature (corrected) 10C

Signature	Date	Time	Signature	Date	Time	Signature	Date	Time	Signature	Date	Time
Ken Hansen	6/4/98	1955	[illegible]	6/5/98	1030						

Cooler ID # 182

Is RFA sampling complete? Yes / No

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy- Data package Yellow Retained by laboratory Pink: Retained by sampler

SDG-209C

End of RFA 98-209 (sampling complete)

Revision No. 1
Created September 23, 1997

EPA Region 5 Records Ctr
349974

KEMRON Environmental Services
109 Starlite Park
Marietta Ohio 45750
Phone (614) 373-4071

ENTERED IN DATABASE
BY/DATE DVS 5/8/98
CHECKED BY
DATE 5/11/98

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Cathy Dover

PO Number
Account Number COMPUCHEM 529

Login # L9803136
Report Date 03/20/98
Work ID SC001/DAYTON THERMAL BLDG 40B
Date Received 03/06/98

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9803136-01	AS (3-5)	L9803136-02	AS (31-33)
L9803136-03	FB030398-208A	L9803136-04	TB030598-208A
L9803136-05	SVE (2-4)	L9803136-06	FB030598-208A

** SDG 208-A **

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
David L Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

Volatile Organics 8260:

The mid-level soil extraction LCS had several recoveries above the upper control limits Trichloroethene was among these compounds and was detected in samples AS (31-33') and SVE (2-4') (Kemron ID L98-03-136-02 and 05) The other LCS outliers were not detected above the reporting limits in these samples Mid-level extraction LCS control limit ranges are advisory limits for guidance only

Login #L9803136
March 20 1998 01 27 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803136-01
Client Sample ID AS (3-5)
Site/Work ID SC001/DAYTON THERMAL BLDG 40B

Matrix Soil
Collected 03/03/98 1100

% Solid 97
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	97		1 0	1	N/A	MZL	03/13/98	08 45	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803136-01
Client Sample ID AS (3-5')
Site/Work ID SC001/DAYTON THERMAL BLDG 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 03/03/98

Sample Weight N/A
Extract Volume N/A
% Solid 97

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/17/98 Time 17 38

Instrument HPMS2
Analyst SLT
Lab File ID 2CU23279

Method 8260A
Run ID R43067

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/kg	4 4	J	100	1
71 43-2	Benzene	ug/kg		ND	5 2	1
108-86-1	Bromobenzene	ug/kg		ND	5 2	1
74 97-5	Bromochloromethane	ug/kg		ND	5 2	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 2	1
75 25-2	Bromoform	ug/kg		ND	5 2	1
74 83-9	Bromomethane	ug/kg		ND	10	1
78 93-3	2-Butanone	ug/kg		ND	100	1
104 51 8	n-Butylbenzene	ug/kg		ND	5 2	1
135 98 8	sec-Butylbenzene	ug/kg		ND	5 2	1
98-06-6	tert-Butylbenzene	ug/kg		ND	5 2	1
75 15-0	Carbon disulfide	ug/kg		ND	5 2	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 2	1
108-90-7	Chlorobenzene	ug/kg		ND	5 2	1
124-48 1	Chlorodibromomethane	ug/kg		ND	5 2	1
75 00-3	Chloroethane	ug/kg		ND	10	1
110 75-8	2 Chloroethyl vinyl ether	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5 2	1
74-87 3	Chloromethane	ug/kg		ND	10	1
95-49-8	2-Chlorotoluene	ug/kg		ND	5 2	1
106-43 4	4 Chlorotoluene	ug/kg		ND	5 2	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/kg		ND	5 2	1
106-93 4	1 2-Dibromoethane	ug/kg		ND	5 2	1
74-95 3	Dibromomethane	ug/kg		ND	5 2	1

Login #L9803136
March 20 1998 01 27 pm

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AS (3-5)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/03/98	% Solid	97
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43067
Analysis Date	03/17/98 Time 17 38	Lab File ID	2CU23279		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95 50 1	1 2-Dichlorobenzene	ug/kg		ND	5 2	1
541 73-1	1 3-Dichlorobenzene	ug/kg		ND	5 2	1
106-46 7	1 4-Dichlorobenzene	ug/kg		ND	5 2	1
75 71-8	Dichlorodifluoromethane	ug/kg		ND	10	1
75-34-3	1 1-Dichloroethane	ug/kg	1 0	J	5 2	1
107-06-2	1 2-Dichloroethane	ug/kg		ND	5 2	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	5 2	1
156-59-2	cis-1 2-Dichloroethene	ug/kg	8 2		5 2	1
156 60-5	trans-1 2-Dichloroethene	ug/kg		ND	5 2	1
78-87-5	1 2-Dichloropropane	ug/kg		ND	5 2	1
142-28-9	1 3-Dichloropropane	ug/kg		ND	5 2	1
594-20-7	2 2 Dichloropropane	ug/kg		ND	5 2	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	5 2	1
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	5 2	1
563-58-6	1 1-Dichloropropene	ug/kg		ND	5 2	1
100-41-4	Ethylbenzene	ug/kg		ND	5 2	1
591-78-6	2-Hexanone	ug/kg		ND	10	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	5 2	1
98-82-8	Isopropylbenzene	ug/kg		ND	5 2	1
99-87-6	p Isopropyltoluene	ug/kg		ND	5 2	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg	0 41	J	5 2	1
91-20-3	Naphthalene	ug/kg		ND	10	1
103-65-1	n-Propylbenzene	ug/kg		ND	5 2	1
100-42-5	Styrene	ug/kg		ND	5 2	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 2	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 2	1
127-18-4	Tetrachloroethene	ug/kg	33		5 2	1
108-88-3	Toluene	ug/kg	0 38	J	5 2	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	5 2	1
120-82-1	1 2 4 Trichlorobenzene	ug/kg		ND	5 2	1
71 55-6	1 1 1-Trichloroethane	ug/kg	8 2		5 2	1
79-00 5	1 1 2-Trichloroethane	ug/kg		ND	5 2	1
79-01-6	Trichloroethene	ug/kg	130	D	5 2	1
75-69 4	Trichlorofluoromethane	ug/kg		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	5 2	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	5 2	1
108-67 8	1 3 5-Trimethylbenzene	ug/kg		ND	5 2	1
108-05-4	Vinyl acetate	ug/kg		ND	10	1

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136 01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AS (3 5)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/03/98	% Solid	97
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43067
Analysis Date	03/17/98 Time 17 38	Lab File ID	2CU23279		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	10	1
95-47 6	o-Xylene	ug/kg		ND	5 2	1
108-38-3	m-Xylene	ug/kg		ND	5 2	1
106-42-3	p-Xylene	ug/kg		ND	5 2	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	108	(80 - 120%)
1 2-Dichloroethane-d4	117	(80 - 120%)
Toluene-d8	109	(81 - 117%)
4-Bromofluorobenzene	114	(74 - 121%)

Lab Sample ID	L9803136-02	Matrix	Soil	% Solid	87
Client Sample ID	AS (31-33)	Collected	03/03/98 1615	COC Info	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solid	% wt	87		1 0	1	N/A	MZL	03/13/98	08 45	D2216-90

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AS (31-33')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/03/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R43119
Analysis Date	03/17/98 Time 11 06	Lab File ID	1CC26677		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/kg		ND	14000	125
71 43-2	Benzene	ug/kg		ND	720	125
108 86-1	Bromobenzene	ug/kg		ND	720	125
74 97-5	Bromochloromethane	ug/kg		ND	720	125
75-27-4	Bromodichloromethane	ug/kg		ND	720	125
75-25-2	Bromoform	ug/kg		ND	720	125
74-83-9	Bromomethane	ug/kg		ND	1400	125
78-93-3	2-Butanone	ug/kg		ND	14000	125
104 51-8	n-Butylbenzene	ug/kg		ND	720	125
135-98-8	sec-Butylbenzene	ug/kg		ND	720	125
98-06-6	tert-Butylbenzene	ug/kg		ND	720	125
75-15-0	Carbon disulfide	ug/kg		ND	720	125
56-23-5	Carbon tetrachloride	ug/kg		ND	720	125
108-90-7	Chlorobenzene	ug/kg		ND	720	125
124-48-1	Chlorodibromomethane	ug/kg		ND	720	125
75-00-3	Chloroethane	ug/kg		ND	1400	125
110-75-8	2 Chloroethyl vinyl ether	ug/kg		ND	1400	125
67-66-3	Chloroform	ug/kg		ND	720	125
74-87 3	Chloromethane	ug/kg		ND	1400	125
95-49-8	2-Chlorotoluene	ug/kg		ND	720	125
106-43-4	4-Chlorotoluene	ug/kg		ND	720	125
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	720	125
106-93-4	1 2-Dibromoethane	ug/kg		ND	720	125
74-95-3	Dibromomethane	ug/kg		ND	720	125
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	720	125
541-73 1	1 3-Dichlorobenzene	ug/kg		ND	720	125
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	720	125
75-71-8	Dichlorodifluoromethane	ug/kg		ND	1400	125
75-34-3	1 1-Dichloroethane	ug/kg		ND	720	125
107 06-2	1 2-Dichloroethane	ug/kg		ND	720	125
75-35-4	1 1-Dichloroethene	ug/kg		ND	720	125
156-59 2	cis-1 2-Dichloroethene	ug/kg	140	J	720	125
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	720	125
78-87-5	1 2-Dichloropropane	ug/kg		ND	720	125
142-28-9	1 3-Dichloropropane	ug/kg		ND	720	125
594-20-7	2 2-Dichloropropane	ug/kg		ND	720	125
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	720	125
10061 02-6	trans-1 3-Dichloropropene	ug/kg		ND	720	125
563-58-6	1 1-Dichloropropene	ug/kg		ND	720	125

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AS (31-33)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/03/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R43119
Analysis Date	03/17/98 Time 11 06	Lab File ID	1CC26677		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/kg	38	J	720	125
591-78-6	2-Hexanone	ug/kg		ND	1400	125
87-68-3	Hexachlorobutadiene	ug/kg		ND	720	125
98-82-8	Isopropylbenzene	ug/kg		ND	720	125
99 87-6	p-Isopropyltoluene	ug/kg		ND	720	125
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	1400	125
75-09-2	Methylene chloride	ug/kg		ND	720	125
91-20-3	Naphthalene	ug/kg		ND	1400	125
103-65-1	n-Propylbenzene	ug/kg		ND	720	125
100-42-5	Styrene	ug/kg		ND	720	125
630-20-6	1 1 1,2-Tetrachloroethane	ug/kg		ND	720	125
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	720	125
127-18-4	Tetrachloroethene	ug/kg	280	J	720	125
108-88-3	Toluene	ug/kg		ND	720	125
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	720	125
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	720	125
71-55-6	1 1 1-Trichloroethane	ug/kg	61	J	720	125
79-00-5	1 2-Trichloroethane	ug/kg		ND	720	125
79-01-6	Trichloroethene	ug/kg	3400	(A)	720	125
75-69-4	Trichlorofluoromethane	ug/kg		ND	1400	125
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	720	125
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	720	125
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	720	125
108-05-4	Vinyl acetate	ug/kg		ND	1400	125
75 01-4	Vinyl chloride	ug/kg		ND	1400	125
95 47-6	o-Xylene	ug/kg		ND	720	125
108-38-3	m-Xylene	ug/kg	22	J X	720	125
106 42 3	p-Xylene	ug/kg		X	720	125

SURROGATES- In Percent Recovery

Dibromofluoromethane	91 8	(80 - 120%)
1 2-Dichloroethane-d4	90 3	(80 - 120%)
Toluene-d8	91 5	(81 - 117%)
4-Bromofluorobenzene	91 8	(74 - 121%)

Login #L9803136
March 20 1998 01 27 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID	L9803136 03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030398-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/03/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 15 39	Lab File ID	1CC26665		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	100	1
124 48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95 49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4 Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1 Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2 Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1 Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030398-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/03/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 15 39	Lab File ID	1CC26665		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09 2	Dichloromethane	ug/L	0 83	J	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-98-3	Toluene	ug/L		ND	1000	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05 4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	102	(86 - 118%)
1 2-Dichloroethane-d4	103	(80 - 120%)
Toluene-d8	99 3	(88 - 110%)
4-Bromofluorobenzene	93 8	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030598-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/05/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 16 16	Lab File ID	1CC26666		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86 1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74 83-9	Bromomethane	ug/L		ND	10	1
78 93-3	2-Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75-8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95 50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541 73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78 87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02-6	trans 1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136 04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030598-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/05/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 16 16	Lab File ID	1CC26666		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Dichloromethane	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71 55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79 00-5	1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75 69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	102	(86 - 118%)
1 2-Dichloroethane-d4	107	(80 - 120%)
Toluene-d8	98 5	(88 - 110%)
4-Bromofluorobenzene	92 0	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803136-05
Client Sample ID SVE (2-4)
Site/Work ID SC001/DAYTON THERMAL BLDG 40B

Matrix Soil
Collected 03/05/98 1400

% Solid 84
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	84		1 0	1	N/A	MZL	03/13/98	08 45	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803136 05
Client Sample ID SVE (2-4)
Site/Work ID SC001/DAYTON THERMAL BLDG 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 03/05/98

Sample Weight N/A
Extract Volume N/A
% Solid 84

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/17/98 Time 11 42

Instrument HPMS1
Analyst CMS
Lab File ID 1CC26678

Method 8260A
Run ID R43119

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	15000	125
71-43-2	Benzene	ug/kg		ND	740	125
108-86-1	Bromobenzene	ug/kg		ND	740	125
74-97-5	Bromochloromethane	ug/kg		ND	740	125
75-27-4	Bromodichloromethane	ug/kg		ND	740	125
75-25-2	Bromoform	ug/kg		ND	740	125
74-83-9	Bromomethane	ug/kg		ND	1500	125
78-93-3	2-Butanone	ug/kg		ND	15000	125
104-51-8	n-Butylbenzene	ug/kg		ND	740	125
135-98-8	sec-Butylbenzene	ug/kg		ND	740	125
98-06-6	tert-Butylbenzene	ug/kg		ND	740	125
75-15-0	Carbon disulfide	ug/kg		ND	740	125
56-23-5	Carbon tetrachloride	ug/kg		ND	740	125
108-90-7	Chlorobenzene	ug/kg		ND	740	125
124-48-1	Chlorodibromomethane	ug/kg		ND	740	125
75-00-3	Chloroethane	ug/kg		ND	1500	125
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	1500	125
67-66-3	Chloroform	ug/kg		ND	740	125
74-87 3	Chloromethane	ug/kg		ND	1500	125
95-49-8	2-Chlorotoluene	ug/kg		ND	740	125
106-43-4	4-Chlorotoluene	ug/kg		ND	740	125
96 12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	740	125
106-93-4	1 2-Dibromoethane	ug/kg		ND	740	125
74-95-3	Dibromomethane	ug/kg		ND	740	125

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136 05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE (2-4)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/05/98	% Solid	84
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R43119
Analysis Date	03/17/98 Time 11 42	Lab File ID	1CC26678		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	740	125
541-73 1	1 3-Dichlorobenzene	ug/kg		ND	740	125
106 46-7	1 4-Dichlorobenzene	ug/kg		ND	740	125
75-71 8	Dichlorodifluoromethane	ug/kg		ND	1500	125
75-34-3	1 1-Dichloroethane	ug/kg		ND	740	125
107-06 2	1 2-Dichloroethane	ug/kg		ND	740	125
75-35 4	1 1-Dichloroethene	ug/kg		ND	740	125
156-59 2	cis-1 2-Dichloroethene	ug/kg	430	J	740	125
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	740	125
78-87 5	1 2-Dichloropropane	ug/kg		ND	740	125
142-28-9	1 3-Dichloropropane	ug/kg		ND	740	125
594-20-7	2 2-Dichloropropane	ug/kg		ND	740	125
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	740	125
10061 02-6	trans-1 3-Dichloropropene	ug/kg		ND	740	125
563-58-6	1 1-Dichloropropene	ug/kg		ND	740	125
100-41-4	Ethylbenzene	ug/kg	33	J	740	125
591-78-6	2-Hexanone	ug/kg		ND	1500	125
87-68-3	Hexachlorobutadiene	ug/kg		ND	740	125
98-82-8	Isopropylbenzene	ug/kg		ND	740	125
99-87-6	p-Isopropyltoluene	ug/kg		ND	740	125
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	1500	125
75-09-2	Methylene chloride	ug/kg		ND	740	125
91-20-3	Naphthalene	ug/kg		ND	1500	125
103-65-1	n-Propylbenzene	ug/kg		ND	740	125
100-42-5	Styrene	ug/kg		ND	740	125
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	740	125
79-34 5	1 1 2 2-Tetrachloroethane	ug/kg		ND	740	125
127-18-4	Tetrachloroethene	ug/kg	390	J	740	125
108 88 3	Toluene	ug/kg		ND	740	125
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	740	125
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	740	125
71 55-6	1 1 1 Trichloroethane	ug/kg	620	J	740	125
79 00-5	1 1 2 Trichloroethane	ug/kg		ND	740	125
79-01-6	Trichloroethene	ug/kg	10000	(A)	740	125
75-69 4	Trichlorofluoromethane	ug/kg		ND	1500	125
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	740	125
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	740	125
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	740	125
108-05-4	Vinyl acetate	ug/kg		ND	1500	125

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803136-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	SVE (2-4)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Soil	Date Collected	03/05/98	% Solid	84
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R43119
Analysis Date	03/17/98 Time 11 42	Lab File ID	1CC26678		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75 01-4	Vinyl chloride	ug/kg		ND	1500	125
95 47 6	o-Xylene	ug/kg		ND	740	125
108-38-3	m-Xylene	ug/kg	27	J X	740	125
106 42 3	p-Xylene	ug/kg		X	740	125

SURROGATES- In Percent Recovery

Dibromofluoromethane	93 8	(80 - 120%)
1 2-Dichloroethane-d4	91 6	(80 - 120%)
Toluene-d8	90 8	(81 - 117%)
4-Bromofluorobenzene	92 1	(74 - 121%)

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030598-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/05/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 16 53	Lab File ID	1CC26667		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L	15	J	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030598-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/05/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 16 53	Lab File ID	1CC26667		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1 Dichloropropene	ug/L		ND	5 0	1
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2 pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L	1 1	J	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803136-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030598-208A	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL BLDG 40B				
Matrix	Water	Date Collected	03/05/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS1	Method	8260A
Extract Date	N/A	Analyst	CMS	Run ID	R42996
Analysis Date	03/16/98 Time 16 53	Lab File ID	1CC26667		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42 5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20 7	Xylenes, Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	103	(86 - 118%)
1 2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	99 6	(88 - 110%)
4-Bromofluorobenzene	93 3	(86 - 115%)

ORGANIC QA/QC

Kemron
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES INC

MARIETTA, OH

QUALITY CONTROL / METHOD 8260

RUN DATE	03/16/98	BLK FLNM	1BK26855	SMPL NAME	03-223-05
INSTRUMENT	HPMS_	LCS FLNM	1QC26854	FILE NAME	1IT26856
ANALYST(S)	CMS	SHIFT	AM	MS FLNM	1IT26857
		WORK GROUP	WG37765	MSD FLNM	1IT26858

VOA COMPOUND	REPORTING DETECTION LIMIT (RDL) ug/L	METHOD BLANK ug/L	LCS 20 ug/L ug/L	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/L	MS 50 ug/L ug/L	MSD 50 ug/L ug/L	MS PERCENT RECOVERY %	MSD PERCENT RECOVERY %	ADVISORY LIMITS %	PERCENT RPD %	ADVISORY LIMITS %
Dichlorodifluorometha e	10	ND	10 4	52 0	29-162	0 0	25 5	25 0	51 0	50 0	60-140	2 0	20
Chloromethane	10	ND	14 1	70 5	58-142	0 0	36 0	37 9	72 0	75 8	D-273	5 1	20
V nyl chloride	10	ND	18 1	90 5	56-154	0 0	43 3	44 1	86 6	88 2	D-251	1 8	20
Bromomethane	10	ND	22 5	112 5	52 143	0 0	53 3	53 4	106 6	106 8	D-242	0 2	20
Chloroethane	10	ND	19 4	97 0	63 143	0 0	45 4	48 6	90 8	97 2	14-230	6 8	20
T hlorofluorometha e	10	ND	19 4	97 0	64 128	0 0	49 4	49 6	98 8	99 6	17 181	0 8	20
1 1 Dichloroethene	5	ND	23 1	115 5	70-130	0 0	59 2	59 3	118 4	118 6	D-234	0 2	20
Methyle e chloride	5	ND	20 7	103 5	67 131	0 0	47 9	48 9	95 8	97 6	D-221	2 1	20
trans-1 2 Dichloroethe e	5	ND	23 6	118 0	70 130	0 0	59 6	59 9	119 2	119 8	54-156	0 5	20
1 1 D chloroethane	5	ND	22 1	110 5	80-120	0 0	59 2	55 4	118 4	110 8	59-155	6 6	20
2 2 Dichloroprop ne	5	ND	21 8	109 0	79 117	0 0	55 5	55 0	111 0	110 0	60-140	0 9	20
c s 1 2-Dichloroethene	5	ND	21 7	108 5	83-118	0 0	53 4	54 8	106 8	109 6	60-140	2 6	20
Bromochloromethane	5	ND	22 6	113 0	81 115	0 0	57 5	58 3	115 0	116 6	60-140	1 4	20
Chloroform	5	ND	21 5	107 5	86-114	0 0	53 7	54 0	107 4	108 0	51 138	0 6	20
1 1 1 Trichloroethan	5	ND	22 5	112 5	83 112	0 0	56 3	56 1	112 6	112 2	52 162	0 4	20
1 1 Dichloropropene	5	ND	24 8	124 0	83-120	0 0	60 2	60 1	120 4	120 2	60-140	0 2	20
Carbon tetrachloride	5	ND	22 6	113 0	80-120	0 0	57 7	56 8	115 4	113 6	70-140	1 6	20
1 2 Dichloroethane	5	ND	22 3	111 5	80-118	0 0	53 8	53 5	107 6	107 0	49-155	0 6	20
Benzene	5	ND	21 8	109 0	84 120	0 0	52 6	53 8	105 2	107 6	37 151	2 3	20
Trichloroethene	5	ND	22 2	111 0	80-120	0 0	55 5	55 9	111 0	111 8	71 157	0 7	20
1 2-Dichloropropane	5	ND	21 6	108 0	82 124	0 0	51 3	53 5	102 6	107 0	D-210	4 2	20
Bromodichloromethane	5	ND	22 1	110 5	80-118	0 0	55 7	57 0	111 4	114 0	35-155	2 3	20
Dibromomethane	5	ND	23 0	115 0	78-121	0 0	58 8	60 0	117 6	120 0	60-140	2 0	20
cis-1 3-Dichloropropene	5	ND	21 6	108 0	79-120	0 0	54 9	56 8	109 8	113 6	D 227	3 4	20
Toluene	5	ND	21 3	106 5	79-116	0 0	51 7	53 4	103 4	106 8	47 150	3 2	20
trans-1 3-Dichloropropene	5	ND	21 8	108 0	76-124	0 0	53 2	56 6	106 4	113 2	47 183	6 2	20
1 1 2 Trichloroethane	5	ND	21 4	107 0	78-122	0 0	52 9	56 7	105 8	113 4	52 150	6 9	20
1 3-Dichloropropane	5	ND	20 8	104 0	73-122	0 0	50 3	54 9	100 6	109 8	60-140	8 7	20
Tetrachloroethene	5	ND	22 4	112 0	76-120	0 0	53 4	55 3	106 8	110 6	64-148	3 5	20
D bromochloromethane	5	ND	21 9	109 5	71 121	0 0	53 8	57 3	107 6	114 6	53-149	6 3	20
1 2 Dibromoethane	5	ND	21 6	108 0	69-123	0 0	54 1	57 8	108 2	115 6	60-140	6 6	20
Chlorobenzene	5	ND	21 4	107 0	75-117	0 0	51 6	53 7	103 2	107 4	37 160	4 0	20
1 1 1 2 Tetrachloroethane	5	ND	21 8	109 0	71 121	0 0	53 6	56 3	107 2	112 6	60-140	4 9	20
Ethylbenzene	5	ND	21 3	106 5	73-120	0 0	52 0	53 9	104 0	107 8	37 162	3 6	20
m+p Xyle e	5	ND	44 2	110 5	74 120	0 0	105 8	109 5	105 8	109 5	60-140	3 4	20
o Xyl ne	5	ND	22 1	110 5	72 120	0 0	53 4	55 0	106 8	110 0	60-140	3 0	20

KEMRON ENVIRONMENTAL SERVICES INC

MARIETTA OH

QUALITY CONTROL / METHOD 8260

RUN DATE	03/16/98	BLK FLNM	1BK26855	SMPL NAME	03-223-05
INSTRUMENT	HPMS_1	LCS FLNM	1QC26854	FILE NAME	1IT26856
ANALYST(S)	CMS	SHIFT	AM	MS FLNM	1IT26857
		WORK GROUP	WG37765	MSD FLNM	1IT26858

VOA COMPOUND	REPORTING DETECTION LIMIT (RDL) ug/L	METHOD BLANK ug/L	LCS 20 ug/L ug/L	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/L	MS 50 ug/L ug/L	MSD 50 ug/L ug/L	MS PERCENT RECOVERY %	MSD PERCENT RECOVERY %	ADVISORY LIMITS %	PERCENT RPD %	ADVISORY LIMITS %
isopropylbenzene	5	ND	22 0	110 0	68-138	0 0	53 1	54 8	106 2	109 6	60-140	3 2	20
Bromoform	5	ND	21 5	107 5	71 124	0 0	56 2	59 9	112 4	119 8	45-169	6 4	20
1 1 2 2 Tetrachloroeth ne	5	ND	22 2	111 0	70-134	0 0	54 1	59 1	108 2	118 2	48-157	8 8	20
1 2 3-Trichloropropane	5	ND	20 0	100 0	72 128	0 0	51 9	56 7	103 8	113 4	60-140	8 8	20
propyl benze	5	ND	22 0	110 0	76-121	0 0	51 3	52 5	102 6	105 0	60-140	2 3	20
Bromobenzene	5	ND	21 5	107 5	76-123	0 0	51 9	54 1	103 8	108 2	60-140	4 2	20
1 3 5 Tr methylbenz n	5	ND	22 0	110 0	78 123	0 0	51 9	53 3	103 8	106 6	60 140	2 7	20
2-Chlorotoluene	5	ND	21 8	109 0	74 124	0 0	47 8	50 8	95 6	101 6	60 140	6 1	20
4-Chl ot lue e	5	ND	20 7	103 5	74 124	0 0	53 2	53 2	106 4	106 4	60-140	0 0	20
tert butyl benzene	5	ND	21 7	108 5	74 120	0 0	50 7	52 2	101 4	104 4	60-140	2 9	20
1 2 4 T methylbenz	5	ND	21 8	109 0	77 121	0 0	52 3	53 6	104 6	107 2	60-140	2 5	20
sec-butyl benzene	5	ND	22 6	113 0	79 122	0 0	52 4	53 9	104 8	107 8	60-140	2 8	20
p isopropyl toluene	5	ND	22 0	110 0	76 122	0 0	52 1	53 2	104 2	106 4	60-140	2 1	20
1 3-D hlorobenz n	5	ND	21 1	105 5	79 117	0 0	51 5	53 2	103 0	106 4	60-140	3 2	20
1 4 Dichlorobenzene	5	ND	21 1	105 5	79 120	0 0	51 0	52 1	102 0	104 2	18 190	2 1	20
n butyl benzene	5	ND	22 5	112 5	74 126	0 0	53 6	54 4	107 2	108 8	60-140	1 5	20
1 2 Dichlorobenzene	5	ND	21 2	106 0	77 116	0 0	51 8	54 4	103 6	108 8	19-190	4 9	20
1 2-dibromo-3 chlor prop ne	5	ND	19 6	98 0	64 128	0 0	52 8	57 6	105 6	115 2	60-140	8 7	20
1 2 4 Trichlorobenzene	5	ND	21 0	105 0	67 122	0 0	53 4	56 5	106 8	113 0	60-140	5 6	20
H xachlorobutadiene	5	ND	23 3	116 5	68-138	0 0	58 1	59 5	116 2	119 0	60-140	2 4	20
Naphthalene	10	ND	19 3	96 5	51 138	0 0	51 0	56 8	102 0	113 6	60-140	10 8	20
1 2 3-Trichlorobenzene	5	ND	20 9	104 5	52 137	0 0	53 7	57 4	107 4	114 8	60-140	6 7	20
Styrene	5	ND	21 5	107 5	70-120	0 0	52 3	54 3	104 6	108 6	60-140	3 8	20
Acetone	100	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon D s lfide	5	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2 Butanone	100	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 Methyl 2 pe t n	10	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	10	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlo oethylvi ylethe	10	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	10	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

KEMRON ENVIRONMENTAL SERVICES
VOLATILE ORGANICS
QUALITY CONTROL / METHOD 8260

Run Date	03/17/98	BLK FLNM	2BK23266	Sample Num	03 136-01	LCS DF	1
Instrument ID	HPMS_2	LCS FLNM	2LC23267 D	File Name	2CU23268	SMPL DF	5
Analyst Initials	MDA	Shift (am/pm)	AM	MS FLNM	2CU23269	MS DF	5
Workgroup #	WG37852			MSD FLNM	2CU23270	MSD DF	5

Target Analytes	REPORTING DETECTION LIMIT ug/kg	METHOD BLANK ug/kg	LCS 20 PPB ug/kg	LCS PERCENT RECOVERY %	LCS ADVISORY LIMIT %	SAMPLE RESULT ug/kg	MS RESULT 50 PPB ug/kg	MSD RESULT 50 PPB ug/kg	MS % REC %	MSD % REC %	MS/MSD ADVISORY LIMIT %	MS/MSD % RPD %	RPD ADVISORY LIMIT %
dichlorodifluoromethane	10	ND	13 4	67	22 167	0 0	33 7	39 1	67	78	60 140	15	20
vinyl chloride	10	ND	24 3	121	56 142	0 0	55 1	56 6	110	113	D 251	3	20
chloromethane	10	ND	16 1	80	47 144	0 0	47 6	54 3	95	109	D 273	13	20
bromomethane	10	ND	18 4	92	31 167	0 0	47 5	52 8	95	106	D 242	10	20
chloroethane	10	ND	17 9	90	41 156	0 0	45 8	50 1	92	100	14 230	9	20
trichlorofluoromethane	10	ND	20 4	102	66 127	0 0	51 5	54 3	103	109	17 181	5	20
acetone	100	ND	17 0	85	50 150	0 0	36 3	41 1	73	82	50 150	12	20
1 1-dichloroethene	5	ND	21 4	107	67 130	0 0	54 7	57 1	109	114	D 234	4	20
methylene chloride	5	ND	19 4	97	77 128	0 0	50 7	52 7	101	105	D 221	4	20
carbon disulfide	5	ND	25 8	129	50 150	0 0	62 9	64 0	126	128	50 150	2	20
trans 1 2-dichloroethene	5	ND	22 9	114	79 122	0 0	58 4	61 6	117	123	54 156	5	20
vinyl acetate	10	ND	13 4	67	50 150	0 0	22 6	18 5	45	37	50 150	20	20
1 1-dichloroethane	5	ND	21 4	107	84 115	0 0	55 3	58 4	111	117	59 155	5	20
2 butanone	100	ND	17 3	86	50 150	0 0	39 7	45 7	79	91	50 150	14	20
2 2-dichloropropane	5	ND	21 9	110	82 114	0 0	56 9	58 2	114	116	60 140	2	20
cis 1 2-dichloroethene	5	ND	20 8	104	84 120	0 0	55 1	58 3	110	117	60 140	6	20
chloroform	5	ND	21 7	108	85 116	0 0	55 6	58 5	111	117	51 138	5	20
bromochloromethane	5	ND	19 6	98	83 117	0 0	52 1	55 6	104	111	60 140	7	20
1 1 1 trichloroethane	5	ND	22 2	111	84 112	0 0	59 2	62 3	118	125	52 162	5	20
1 1-dichloropropene	5	ND	23 4	117	92 119	0 0	57 3	59 9	115	120	60 140	4	20
carbon tetrachloride	5	ND	22 7	113	85 111	0 0	57 9	60 3	116	121	70 140	4	20
1 2-dichloroethane	5	ND	21 3	107	87 118	0 0	56 1	59 7	112	119	49 155	6	20
benzene	5	ND	20 8	104	88 112	0 0	52 1	54 6	104	109	37 151	5	20

Run Date	3/17/98	BLK FLNM	2BK23266	Sample Num	03 136 01	LCS DF	1
Instrument ID	HPMS_2	LCS FLNM	2LC23267 D	File Name	2CU23268	SMPL DF	5
Analyst Initials	MDA	Shift (am/pm)	AM	MS FLNM	2CU23269	MS DF	5
				MSD FLNM	2CU23270	MSD DF	5

Target Analytes	REPORTING DETECTION LIMIT ug/kg	METHOD BLANK ug/kg	LCS 20 PPB ug/kg	LCS PERCENT RECOVERY %	LCS ADVISORY LIMIT %	SAMPLE RESULT ug/kg	MS RESULT 50 PPB ug/kg	MSD RESULT 50 PPB ug/kg	MS % REC %	MSD % REC %	MS/MSD ADVISORY LIMIT %	MS/MSD % RPD %	RPD ADVISORY LIMIT %
trichloroethene	5	ND	21 0	105	87 119	26 9	92 1	112 5	131	171	71 157	20	20
1 2-dichloropropane	5	ND	20 6	103	94 121	0 0	51 8	54 4	104	109	D 210	5	20
bromodichloromethane	5	ND	22 2	111	88 116	0 0	57 3	60 5	115	121	35 155	5	20
dibromomethane	5	ND	20 1	101	85 118	0 0	52 0	56 8	104	114	60 140	9	20
2 chloroethylvinylether	10	ND	20 8	104	50 150	0 0	41 9	56 2	84	112	50 150	29	20
4-methyl 2 pentanone	10	ND	17 9	89	50 150	0 0	41 0	47 3	82	95	50 150	14	20
cis 1 3-dichloropropene	5	ND	21 7	109	86 121	0 0	55 4	58 5	111	117	D 227	6	20
toluene	5	ND	21 0	105	84 113	0 0	53 3	55 5	107	111	47 150	4	20
trans 1 3-dichloropropene	5	ND	21 1	106	82 122	0 0	54 9	56 7	110	113	17 183	3	20
2 hexanone	10	ND	16 2	81	50 150	0 0	37 1	42 4	74	85	50 150	13	20
1 1 2 trichloroethane	5	ND	20 5	103	86 124	0 0	52 0	55 5	104	111	52 150	7	20
1 3-dichloropropane	5	ND	20 5	103	80 122	0 0	52 7	55 5	105	111	60 140	5	20
tetrachloroethene	5	ND	21 2	106	79 114	7 1	61 8	66 2	109	118	64 148	7	20
dibromochloromethane	5	ND	21 0	105	77 119	0 0	55 1	57 3	110	115	53 149	4	20
1 2-dibromoethane	5	ND	20 6	103	76 123	0 0	53 2	56 9	106	114	60 140	7	20
chlorobenzene	5	ND	21 0	105	80 116	0 0	52 7	55 1	105	110	37 160	4	20
1 1 1 2 tetrachloroethane	5	ND	21 4	107	80 120	0 0	55 8	57 4	112	115	60 140	3	20
ethylbenzene	5	ND	21 9	109	77 119	0 0	53 6	58 1	107	112	37 162	5	20
m+p-xylene	5	ND	42 0	105	78 119	0 0	105 6	110 3	106	110	60 140	4	20
o-xylene	5	ND	21 3	106	78 119	0 0	53 1	55 3	106	111	60 140	4	20
styrene	5	ND	21 3	106	75 117	0 0	52 8	55 5	106	111	60 140	5	20
isopropyl benzene	5	ND	21 9	109	88 138	0 0	54 2	55 9	108	112	60 140	3	20
bromoform	5	ND	19 2	96	76 126	0 0	51 2	54 4	102	109	45 169	6	20
1 1 2 2 tetrachloroethane	5	ND	19 5	97	76 140	0 0	46 3	47 2	93	94	46 157	2	20
1 2 3 trichloropropane	5	ND	19 9	99	74 140	0 0	51 9	56 8	104	114	60 140	9	20
propyl benzene	5	ND	21 4	107	86 118	0 0	54 2	55 5	108	111	60 140	2	20
bromobenzene	5	ND	20 4	102	82 123	0 0	53 5	56 3	107	113	60 140	5	20

Run Date	3/17/98	BLK FLNM	2BK23266	Sample Num	03 136 01	LCS DF	1
Instrument ID	HPMS_2	LCS FLNM	2LC23267 D	File Name	2CU23268	SMPL DF	5
Analyst Initials	MDA	Shift (am/pm)	AM	MS FLNM	2CU23269	MS DF	5
				MSD FLNM	2CU23270	MSD DF	5

Target Analytes	REPORTING DETECTION LIMIT ug/kg	METHOD BLANK ug/kg	LCS 20 PPB ug/kg	LCS PERCENT RECOVERY %	LCS ADVISORY LIMIT %		SAMPLE RESULT ug/kg	MS RESULT 50 PPB ug/kg	MSD RESULT 50 PPB ug/kg	MS % REC %	MSD % REC %	MS/MSD ADVISORY LIMIT %		MS/MSD % RPD %	RPD ADVISORY LIMIT %
1 3 5 trimethylbenzene	5	ND	22 1	110	84	118	0 0	56 1	57 7	112	115	60	140	3	20
2 chlorotoluene	5	ND	23 0	115	83	122	0 0	53 0	59 4	106	119	60	140	11	20
4-chlorotoluene	5	ND	19 6	98	81	124	0 0	56 6	52 8	113	106	60	140	7	20
tert butyl benzene	5	ND	21 8	109	83	122	0 0	56 1	57 5	112	115	60	140	2	20
1 2 4-trimethylbenzene	5	ND	22 1	110	82	119	0 0	57 2	58 6	114	117	60	140	2	20
sec butyl benzene	5	ND	22 1	110	86	119	0 0	55 0	55 4	110	111	60	140	1	20
para isopropyl toluene	5	ND	21 9	109	86	122	0 0	54 1	54 6	108	109	60	140	1	20
1 3-dichlorobenzene	5	ND	21 5	107	86	116	0 0	54 1	55 1	108	110	59	156	2	20
1 4-dichlorobenzene	5	ND	20 7	104	86	117	0 0	53 5	54 6	107	109	18	190	2	20
n-butyl benzene	5	ND	22 6	113	83	122	0 0	54 0	54 2	108	108	60	140	0	20
1 2-dichlorobenzene	5	ND	21 1	106	84	118	0 0	53 4	54 9	107	110	18	190	3	20
2-dibromo 3 chloropropan	5	ND	17 9	90	63	149	0 0	46 1	52 3	92	105	60	140	13	20
1 2 4-trichlorobenzene	5	ND	21 2	106	69	127	0 0	47 9	49 1	96	98	60	140	3	20
hexachlorobutadiene	5	ND	23 7	118	82	139	0 0	48 6	46 6	97	93	60	140	4	20
naphthalene	10	ND	19 0	95	56	141	0 0	45 7	50 0	91	100	60	140	9	20
1 2 3 trichlorobenzene	5	ND	21 2	106	34	161	0 0	45 7	47 6	91	95	60	140	4	20
RESERVED															
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KEMRON ENVIRONMENTAL SERVICES INC

MARIETTA, OH

QUALITY CONTROL / METHOD 8260 SOIL EXTRACTIONS

RUN DATE	03/17/98	BLK FLNM	1BK26675	SMPL NAME	03-136-02
EXTRACT DATE	03/17/98	LCS FLNM	1QC26676	SMPL DF	125
INSTRUMENT	HPMS_1	SHIFT	AM	FILE NAME	1CC26677
ANALYST(S)	CMS	WORK GROUP	WG37842	DUP FLNM	1CC26680

VOA COMPOUND	PRACTICAL QUANTITATION LIMIT (PQL) ug/Kg	METHOD BLANK ug/Kg	LCS 20 ug/Kg ug/Kg	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/Kg	SAMPLE DUP ug/Kg	PERCENT RPD	ADVISORY LIMITS %
Dichlorodifluoromethane	10	ND	6 8	34 0	D 132	0 0	0 0	#DIV/0!	20
Chloromethane	10	ND	13 6	68 0	20-142	0 0	0 0	#DIV/0!	20
Vinyl chloride	10	ND	16 0	80 0	24 134	0 0	0 0	#DIV/0!	20
Brom meth e	10	ND	11 1	55 5	13-154	0 0	0 0	#DIV/0!	20
Chloroethane	10	ND	17 8	89 0	6 155	0 0	0 0	#DIV/0!	20
Trichlorofluorometha e	10	ND	19 3	96 5	D-151	0 0	0 0	#DIV/0!	20
1 1 Dichloroethene	5	ND	24 5	122 5	43-140	0 0	0 0	#DIV/0!	20
Methyl ne chloride	5	ND	22 2	111 0	32 135	0 0	0 0	#DIV/0!	20
rans 1 2 Dichloroethene	5	ND	24 9	124 5	52 121	0 0	0 0	#DIV/0!	20
1 1 Dichloroethane	5	ND	23 4	117 0	63-113	0 0	0 0	#DIV/0!	20
2 2 Dichloropropane	5	ND	23 1	115 5	59-121	0 0	0 0	#DIV/0!	20
s 1 2 Dichloroeth e	5	ND	22 7	113 5	60-118	0 0	0 0	#DIV/0!	20
Bromochloromethane	5	ND	25 0	125 0	61 118	0 0	0 0	#DIV/0!	20
Chloroform	5	ND	23 5	117 5	69-114	0 0	0 0	#DIV/0!	20
1 1 1 Trichloroetha e	5	ND	23 9	119 5	62 111	0 0	0 0	#DIV/0!	20
1 1 Dichloropropene	5	ND	24 9	124 5	71 123	0 0	0 0	#DIV/0!	20
Carbon tetrachloride	5	ND	24 1	120 5	42 128	0 0	0 0	#DIV/0!	20
1 2 Dichloroethane	5	ND	23 7	118 5	70-124	0 0	0 0	#DIV/0!	20
Benzene	5	ND	22 0	110 0	68-118	0 0	0 0	#DIV/0!	20
Trichloroethene	5	ND	24 9	124 5	64 121	24 2	22 8	6 0	20
1 2 Dichloropropa	5	ND	23 1	115 5	67 134	0 0	0 0	#DIV/0!	20
Bromodichloromethane	5	ND	25 4	127 0	54-128	0 0	0 0	#DIV/0!	20
Dibromomethane	5	ND	25 9	129 5	68-125	0 0	0 0	#DIV/0!	20
cis-1 3-Dichloropropen	5	ND	25 5	127 5	56-131	0 0	0 0	#DIV/0!	20
Toluene	5	ND	22 3	111 5	61 120	0 0	0 0	#DIV/0!	20
rans 1 3 Dichloropropene	5	ND	22 8	114 0	48-133	0 0	0 0	#DIV/0!	20
1 1 2 Trichloroethane	5	ND	23 2	116 0	53-138	0 0	0 0	#DIV/0!	20
1 3-Dichloropropane	5	ND	22 4	112 0	60-118	0 0	0 0	#DIV/0!	20
Tetrachloroethene	5	ND	23 2	116 0	63-120	0 0	0 0	#DIV/0!	20
Dibromochlorometha e	5	ND	23 4	117 0	53-112	0 0	0 0	#DIV/0!	20
1 2 Dibromoethane	5	ND	23 4	117 0	62 111	0 0	0 0	#DIV/0!	20
Chlorobenzene	5	ND	23 8	119 0	66-119	0 0	0 0	#DIV/0!	20
1 1 1 2 Tetrachloroethane	5	ND	23 9	119 5	50 117	0 0	0 0	#DIV/0!	20
Ethylbenze e	5	ND	24 8	124 0	52 112	0 0	0 0	#DIV/0!	20
m p-Xylene	5	ND	47 4	118 5	62 122	0 0	0 0	#DIV/0!	20
o-Xylene	5	ND	23 9	119 5	56-111	0 0	0 0	#DIV/0!	20

KEMRON ENVIRONMENTAL SERVICES INC

MARIETTA, OH

QUALITY CONTROL / METHOD 8260 SOIL EXTRACTIONS

RUN DATE	03/17/98	BLK FLNM	1BK26675	SMPL NAME	03-138-02
EXTRACT DATE	03/17/98	LCS FLNM	1QC26676	SMPL DF	125
INSTRUMENT	HPMS_1	SHIFT	AM	FILE NAME	1CC26677
ANALYST(S)	CMS	WORK GROUP	WG37842	DUP FLNM	1CC26680

VOA COMPOUND	PRACTICAL QUANTITATION LIMIT (PQL) ug/Kg	METHOD BLANK ug/Kg	LCS 20 ug/Kg ug/Kg	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/Kg	SAMPLE DUP ug/Kg	PERCENT RPD	ADVISORY LIMITS %
Isopropylbenzene	5	ND	24 5	122 5	67 133	0 0	0 0	#DIV/0!	20
B omoform	5	ND	23 4	117 0	47 129	0 0	0 0	#DIV/0!	20
1 1 2 2 Tetrachloroethane	5	ND	21 0	105 0	64 139	0 0	0 0	#DIV/0!	20
1 2 3 Tr chloroprop n	5	ND	22 0	110 0	72 136	0 0	0 0	#DIV/0!	20
propyl benzene	5	ND	23 3	116 5	67 118	0 0	0 0	#DIV/0!	20
Bromobenzene	5	ND	22 9	114 5	61 120	0 0	0 0	#DIV/0!	20
1 3 5 Trimethylbenzen	5	ND	24 0	120 0	71 120	0 0	0 0	#DIV/0!	20
2 Chlorotolue e	5	ND	21 9	109 5	67 121	0 0	0 0	#DIV/0!	20
4 Chlorotolu	5	ND	24 1	120 5	58 130	0 0	0 0	#DIV/0!	20
ert butyl benzene	5	ND	23 2	116 0	72 114	0 0	0 0	#DIV/0!	20
1 2 4 Trimethylbenze	5	ND	23 4	117 0	73-125	0 0	0 0	#DIV/0!	20
sec butyl benzene	5	ND	24 1	120 5	75 115	0 0	0 0	#DIV/0!	20
p- sopropyl toluene	5	ND	23 8	119 0	77 117	0 0	0 0	#DIV/0!	20
1 3-Dichlorobenzene	5	ND	23 2	116 0	69 118	0 0	0 0	#DIV/0!	20
1 4 Dichlorobenze e	5	ND	22 9	114 5	65-122	0 0	0 0	#DIV/0!	20
n butyl benzene	5	ND	24 8	124 0	73 130	0 0	0 0	#DIV/0!	20
1 2 D chlorobenzene	5	ND	22 7	113 5	65-124	0 0	0 0	#DIV/0!	20
1 2-dibromo-3-chloropropane	5	ND	20 5	102 5	55-141	0 0	0 0	#DIV/0!	20
1 2 4 Trichlorobenzene	5	ND	23 8	119 0	68-118	0 0	0 0	#DIV/0!	20
Hexachlorobutad ene	5	ND	26 7	133 5	75-143	0 0	0 0	#DIV/0!	20
Naphthalene	10	ND	20 8	104 0	55-144	0 0	0 0	#DIV/0!	20
1 2 3 Trichlorobenzene	5	ND	23 0	115 0	64 119	0 0	0 0	#DIV/0!	20
Styrene	5	ND	23 3	116 5	60-140	0 0	0 0	#DIV/0!	20
Acetone	100	ND	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NA	ND	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	ND	NA	NA	NA	NA	NA	NA	NA
Carbon Di ulfide	5	ND	NA	NA	NA	NA	NA	NA	NA
2 Butanone	100	ND	NA	NA	NA	NA	NA	NA	NA
4 Methyl 2 pentanone	10	ND	NA	NA	NA	NA	NA	NA	NA
2 H xanone	10	ND	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylethe	10	ND	NA	NA	NA	NA	NA	NA	NA
V nyl Acetate	10	ND	NA	NA	NA	NA	NA	NA	NA

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
March 9, 1998

Qualifier	Description
(A)	See the report narrative
(B)	See the report narrative
(C)	See the report narrative
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post digestion spike for furnace AA out of control limits
X	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1,2 Diphenylhydrazine is unstable and is reported as azobenzene
3 N-nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m-Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264 Appendix IX They are not always achievable for every compound and are matrix dependent

Order # 98 03 136
March 20 1998 01 28 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Analyst	Date Collected	Run Date	Run Time	Department
WG37706	R42953	L9803136 01		Soil	Percent Solids	D2216 90	MZL	03 MAR 1998	13 MAR 1998	08 45	Conventionals
WG37706	R42953	L9803136 02		Soil	Percent Solids	D2216 90	MZL	03 MAR 1998	13 MAR 1998	08 45	Conventionals
WG37706	R42953	L9803136 05		Soil	Percent Solids	D2216 90	MZL	05 MAR 1998	13 MAR 1998	08 45	Conventionals
WG37765	R42996	L9803136 03		Water	Volatile Organics	8260A	CMS	03 MAR 1998	16 MAR 1998	15 39	Volatile GC/MS
WG37765	R42996	L9803136 04		Water	Volatile Organics	8260A	CMS	05 MAR 1998	16 MAR 1998	16 16	Volatile GC/MS
WG37765	R42996	L9803136 06		Water	Volatile Organics	8260A	CMS	05 MAR 1998	16 MAR 1998	16 53	Volatile GC/MS
WG37842	R43119	L9803136 02		Soil	Volatile Organics	8260A	CMS	03 MAR 1998	17 MAR 1998	11 06	Volatile GC/MS
WG37842	R43119	L9803136 05		Soil	Volatile Organics	8260A	CMS	05 MAR 1998	17 MAR 1998	11 42	Volatile GC/MS
WG37852	R43067	L9803136 01		Soil	Volatile Organics	8260A	SLT	03 MAR 1998	17 MAR 1998	17 38	Volatile GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

03/12/98

ALC - - Ann L Clark
BWH - - Ben W Haynes
CEB - - Chad E Barnes
CLH - - Chris L Hurst
CMS - - Crystal M Stevens
CRC - - Carla R Cochran
DIH - - Deanna I Hesson
DLN - - Deanna L Norton
DLP - - Dorothy L Payne
DST - - Dennis S Tepe
ECL - - Eric C Lawson
EDG - - Eric D Gerkin
FEH - - Fay E Harmon
HV - - Hema Vilasagar
JKM - - June K Morris
JLH - - Janice L Holland
JMM - - Jim M Monk
JWR - - John W Richards
JYH - - Ji Y Hu
KHA - - Kim H Archer
KMM - - Kevin M McDonald
KRA - - Kathy R Albertson
MAR - - MaryAnn Roach
MDA - - Mike D Albertson
MDC - - Michael D Cochran
MES - - Mary E Schiling
MLS - - Michael L Schimmel
MMB - - Maren M Beery
MZL - - Melanie Z Lewis
RDC - - Rebecca D Cutlip
RDS - - Rebecca D Sutton
REF - - Ron E Fertile
REK - - Robert E Kyer
RSS - - Regina S Simmons
RWC - - Rodney W Campbell
SJM - - Shawn J Marshall
SLP - - Sheri L Pfalzgraf
SLT - - Stephanie L Tepe
SPL - - Steve P Learn
TLD - - Teresa L Davis
VC - - Vicki Collier
WCD - - Wade C Dawson

CHRYSLER CORPORATION

Chain-of-Custody

00928 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal, Bldg 40B Site Location: Dayton, OH Site Code: SC001 RFA Number: YGQP98CC208-T Chrysler PM: Gary Szanczuk	Consultant: Ken Vogel - Leggette, Brashears, Graham, Inc. Address: 1210 W. County Rd E, Suite 100 St Paul MN 55112 Consultant PM: Ken Vogel Phone: 612 490 7405 Fax: -1006	

Turn around Time Request: 24 calendar hrs; 48 calendar hrs; (0 days); 28 days

Data Package Deliverables (circle): (Chrysler Level 1); Chrysler Level 2; Other (specify)

Matrix Codes: (S) Soil; SW Surface Water; GW Groundwater; A Air; Sed Sediment; (O) Other (specify) DI H_2O

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	SW 8260 - TCL - VOC 64/MS TCL	SW 8260 - TCL - GC/MS TCLP	SW 8260 - TCL - GC/MS TCLP							Lab Use Only: Volatiles pH <2	Metals pH <2	Cyanide pH > 12	Other ____	Remarks
AS (3 5)	3/3/98	1100	G	S	2	✓	✓												Begin SDG 208 A
AS (31 33)	3/3/98	1615	G	S	2	✓	✓												
FB030398-208A	3/3/98	1600	G	O	2			✓											
TB030598 208A	—	—	G	O	1			✓											
SVE (2-4')	3/5/98	1400	G	S	2	✓	✓												
FB030598 208A	3/5/98	1800	O	O	2			✓											End SDG 208-A

Sampler(s): Ka Hanes

Bottles Relinquished under Airbill No. 4287 4953 4751

Samples Relinquished under Airbill No. FedEx 802495332 2

Temperature (corrected) ___ C

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
Ka Hanes	3/5/98	1950				Yes No
						Yes No
			Bunta Yeagly	3/6/98	1015	Yes No

Cooler ID # ___

RFA sampling complete Y (N)

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Cooler Sealed Seal intact (Cooler Temp 3.6 Bun)

R is N 1
1 S ptemb 3 1997

RFA-208
509268A

AFFIDAVIT ON BEHALF OF CERTIFIED LABORATORY

I David L Bumgarner being duly sworn on oath state that to the best of my knowledge information, and belief

1 I am authorized to submit this affidavit on behalf of KEMRON Environmental Services, Inc, which has been engaged as a Certified Laboratory for purposes of a voluntary action pursuant to Ohio s Voluntary Action Program

2 The voluntary action is being conducted at the Dayton Thermal property located at 1600 Webster St Dayton, OH 45401

3 KEMRON Environmental Services, Inc was a Certified Laboratory pursuant to Ohio Revised Code (ORC) Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300 when it performed the analyses for the purposes of conducting or completing the voluntary action

4 All of the analyses performed by KEMRON Environmental Services, Inc for purposes of conducting or completing the voluntary action complied with the applicable requirements of ORC Chapter 3746 and rules adopted under OAC Chapter 3745-300

5 The following information data, documents and/or reports, attached hereto are being submitted with this affidavit (attach additional pages if more space is needed)

(a) Report No L9803136
(b)
(c)

6 All of the information data, documents and/or reports submitted with this affidavit are true accurate and complete

7 KEMRON Environmental Services, Inc. has no conflict of interest, as set forth in OAC rules 3745 300-04(I)(5) and 3745-300-05 (F)(3), in performing the analyses referred to in this affidavit

FURTHER AFFIANT SAYETH NOT

David L Bumgarner
(Signature)

Subscribed and sworn before me
this 20 day of March, 1998

Lucinda Sue Arnold
Notary Public

My commission expires 6/16/2002

LUCINDA SUE ARNOLD
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 6/16/2002

KEMRON Environmental Services
109 Starlite Park
Marietta Ohio 45750
Phone (614) 373-4071

DVS 5/8/98
MJB
5/11/98

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Cathy Dover

PO Number
Account Number COMPUCHEM-529
Invoice Number 537436

Login # L9803172
Report Date 03/26/98
Work ID SDG-208B/DAYTON THERM BLD 40B
Date Received 03/10/98

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9803172-01	FB030698-208B	L9803172-02	FB030998-208B
L9803172-03	TB030998-208B	L9803172-04	VMP-1 (1-3')
L9803172-05	VMP-5 (5-7')	L9803172-06	AMP-5 (1-3')

REVISED REPORT
SDG 208-B

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
David L Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

Login #L9803172
March 26 1998 09 24 am

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030698-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/06/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43179
Analysis Date	03/20/98 Time 10 29	Lab File ID	6CU06523		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2 5	J	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L	0 95	J	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3 Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030698-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/06/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43179
Analysis Date	03/20/98 Time 10 29	Lab File ID	6CU06523		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1,1,2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330 20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	94 0	(86 - 118%)
1 2-Dichloroethane-d4	94 2	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	109	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 17 38	Lab File ID	6CU06511		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2 2	J	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 17 38	Lab File ID	6CU06511		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L	1 0	J	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1,1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	101	(86 - 118%)
1 2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	108	(88 - 110%)
4-Bromofluorobenzene	115	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 18 13	Lab File ID	6CU06512		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2 3	J	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 18 13	Lab File ID	6CU06512		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1,1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	101	(86 - 118%)
1 2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	109	(88 - 110%)
4-Bromofluorobenzene	114	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803172 04
Client Sample ID VMP-1 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B

Matrix Soil
Collected 03/06/98 650

% Solid 86
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	86		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803172-04
Client Sample ID VMP-1 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 03/06/98

Sample Weight N/A
Extract Volume N/A
% Solid 86

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/18/98 Time 14 46

Instrument HPMS8
Analyst MDA
Lab File ID 8CC00638

Method 8260A
Run ID R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	21	J	580	5
71-43-2	Benzene	ug/kg		ND	29	5
108-86-1	Bromobenzene	ug/kg		ND	29	5
74-97-5	Bromochloromethane	ug/kg		ND	29	5
75-27-4	Bromodichloromethane	ug/kg		ND	29	5
75-25-2	Bromoform	ug/kg		ND	29	5
74-83-9	Bromomethane	ug/kg		ND	58	5
78-93-3	2-Butanone	ug/kg		ND	580	5
104-51-8	n-Butylbenzene	ug/kg		ND	29	5
135-98-8	sec-Butylbenzene	ug/kg		ND	29	5
98-06-6	tert-Butylbenzene	ug/kg		ND	29	5
75-15-0	Carbon disulfide	ug/kg		ND	29	5
56-23-5	Carbon tetrachloride	ug/kg		ND	29	5
108-90-7	Chlorobenzene	ug/kg		ND	29	5
124-48-1	Chlorodibromomethane	ug/kg		ND	29	5
75-00-3	Chloroethane	ug/kg		ND	58	5
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	58	5
67-66-3	Chloroform	ug/kg		ND	29	5
74-87-3	Chloromethane	ug/kg		ND	58	5
95-49-8	2-Chlorotoluene	ug/kg		ND	29	5
106-43-4	4-Chlorotoluene	ug/kg		ND	29	5
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	29	5
106-93-4	1 2-Dibromoethane	ug/kg		ND	29	5
74-95-3	Dibromomethane	ug/kg		ND	29	5

Login #L9803172
March 26 1998 09 24 am

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-1 (1-3')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	86
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 14 46	Lab File ID	8CC00638		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	29	5
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	29	5
106-46-7	1 4-Dichlorobenzene	ug/kg		ND	29	5
75-71-8	Dichlorodifluoromethane	ug/kg		ND	58	5
75-34-3	1 1-Dichloroethane	ug/kg	5 3	J	29	5
107-06-2	1 2-Dichloroethane	ug/kg		ND	29	5
75-35-4	1 1-Dichloroethene	ug/kg		ND	29	5
156-59-2	cis-1 2-Dichloroethene	ug/kg	77		29	5
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	29	5
78 87-5	1 2-Dichloropropane	ug/kg		ND	29	5
142-28-9	1 3-Dichloropropane	ug/kg		ND	29	5
594-20-7	2 2-Dichloropropane	ug/kg		ND	29	5
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	29	5
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	29	5
563-58-6	1 1-Dichloropropene	ug/kg		ND	29	5
100-41-4	Ethylbenzene	ug/kg		ND	29	5
591-78-6	2-Hexanone	ug/kg		ND	58	5
87-68-3	Hexachlorobutadiene	ug/kg		ND	29	5
98-82-8	Isopropylbenzene	ug/kg		ND	29	5
99-87-6	p-Isopropyltoluene	ug/kg		ND	29	5
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	58	5
75-09-2	Methylene chloride	ug/kg	5 7	J	29	5
91-20 3	Naphthalene	ug/kg		ND	58	5
103-65-1	n-Propylbenzene	ug/kg		ND	29	5
100-42 5	Styrene	ug/kg		ND	29	5
630-20-6	1,1,1 2-Tetrachloroethane	ug/kg		ND	29	5
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	29	5
127-18-4	Tetrachloroethene	ug/kg	20	J	29	5
108-88 3	Toluene	ug/kg		ND	29	5
87-61 6	1 2 3-Trichlorobenzene	ug/kg		ND	29	5
120-82 1	1 2 4-Trichlorobenzene	ug/kg		ND	29	5
71-55-6	1 1 1-Trichloroethane	ug/kg	19	J	29	5
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	29	5
79-01 6	Trichloroethene	ug/kg	470		29	5
75-69 4	Trichlorofluoromethane	ug/kg		ND	58	5
96-18 4	1 2 3-Trichloropropane	ug/kg		ND	29	5
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	29	5
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	29	5
108-05-4	Vinyl acetate	ug/kg		ND	58	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-1 (1-3')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	86
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 14 46	Lab File ID	8CC00638		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01-4	Vinyl chloride	ug/kg		ND	58	5
95-47-6	o-Xylene	ug/kg		ND	29	5
108 38-3	m-Xylene	ug/kg		ND	29	5
106-42-3	p-Xylene	ug/kg		ND	29	5

SURROGATES- In Percent Recovery

Dibromofluoromethane	105	(80 - 120%)
1 2-Dichloroethane-d4	102	(80 - 120%)
Toluene-d8	100	(81 - 117%)
4-Bromofluorobenzene	93 7	(74 - 121%)

Lab Sample ID	L9803172-05	Matrix	Soil	% Solid	76
Client Sample ID	VMP-5 (5-7)	Collected	03/06/98 1500	COC Info	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	76		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-5 (5-7')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	76
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R43308
Analysis Date	03/20/98 Time 16 33	Lab File ID	8CC00683		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	6 7	J	130	1
71-43-2	Benzene	ug/kg		ND	6 6	1
108-86-1	Bromobenzene	ug/kg		ND	6 6	1
74-97-5	Bromochloromethane	ug/kg		ND	6 6	1
75-27-4	Bromodichloromethane	ug/kg		ND	6 6	1
75-25-2	Bromoform	ug/kg		ND	6 6	1
74-83-9	Bromomethane	ug/kg		ND	13	1
78-93-3	2-Butanone	ug/kg		ND	130	1
104-51-8	n-Butylbenzene	ug/kg		ND	6 6	1
135-98-8	sec-Butylbenzene	ug/kg		ND	6 6	1
98-06-6	tert-Butylbenzene	ug/kg		ND	6 6	1
75-15-0	Carbon disulfide	ug/kg		ND	6 6	1
56-23-5	Carbon tetrachloride	ug/kg		ND	6 6	1
108-90-7	Chlorobenzene	ug/kg		ND	6 6	1
124-48-1	Chlorodibromomethane	ug/kg		ND	6 6	1
75-00-3	Chloroethane	ug/kg		ND	13	1
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	13	1
67-66-3	Chloroform	ug/kg		ND	6 6	1
74-87-3	Chloromethane	ug/kg		ND	13	1
95-49-8	2-Chlorotoluene	ug/kg		ND	6 6	1
106-43-4	4-Chlorotoluene	ug/kg		ND	6 6	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	6 6	1
106-93-4	1 2-Dibromoethane	ug/kg		ND	6 6	1
74-95-3	Dibromomethane	ug/kg		ND	6 6	1
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	6 6	1
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	6 6	1
106-46-7	1 4-Dichlorobenzene	ug/kg		ND	6 6	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	13	1
75-34-3	1 1-Dichloroethane	ug/kg	4 1	J	6 6	1
107-06-2	1 2-Dichloroethane	ug/kg		ND	6 6	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	6 6	1
156-59-2	cis-1 2-Dichloroethene	ug/kg	12	D	6 6	1
156-60-5	trans-1 2-Dichloroethene	ug/kg		ND	6 6	1
78-87-5	1 2-Dichloropropane	ug/kg		ND	6 6	1
142-28-9	1 3-Dichloropropane	ug/kg		ND	6 6	1
594-20-7	2 2-Dichloropropane	ug/kg		ND	6 6	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	6 6	1
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	6 6	1
563-58-6	1 1-Dichloropropene	ug/kg		ND	6 6	1

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-5 (5-7')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	76
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R43308
Analysis Date	03/20/98 Time 16 33	Lab File ID	8CC00683		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/kg		ND	6 6	1
591-78-6	2-Hexanone	ug/kg		ND	13	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	6 6	1
98-82-8	Isopropylbenzene	ug/kg		ND	6 6	1
99-87-6	p-Isopropyltoluene	ug/kg		ND	6 6	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	13	1
75-09-2	Methylene chloride	ug/kg	1 2	J	6 6	1
91-20-3	Naphthalene	ug/kg		ND	13	1
103-65-1	n-Propylbenzene	ug/kg		ND	6 6	1
100-42-5	Styrene	ug/kg		ND	6 6	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	6 6	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	6 6	1
127-18-4	Tetrachloroethene	ug/kg	22	D	6 6	1
108-88-3	Toluene	ug/kg		ND	6 6	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	6 6	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	6 6	1
71-55-6	1 1 1-Trichloroethane	ug/kg	2 5	J	6 6	1
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	6 6	1
79-01-6	Trichloroethene	ug/kg	29	D	6 6	1
75-69-4	Trichlorofluoromethane	ug/kg		ND	13	1
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	6 6	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	6 6	1
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	6 6	1
108-05-4	Vinyl acetate	ug/kg		ND	13	1
75-01-4	Vinyl chloride	ug/kg		ND	13	1
95-47-6	o-Xylene	ug/kg		ND	6 6	1
108-38-3	m-Xylene	ug/kg		ND	6 6	1
106-42-3	p-Xylene	ug/kg		ND	6 6	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	103	(80 - 120%)
1 2-Dichloroethane-d4	98 1	(80 - 120%)
Toluene-d8	96 5	(81 - 117%)
4-Bromofluorobenzene	90 7	(74 - 121%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803172-06
Client Sample ID AMP-5 (1-3')
Site/Work ID SDG-208B/DAYTON THERM BLD 40B

Matrix Soil
Collected 03/09/98 1520

% Solid 90
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	90		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803172-06
Client Sample ID AMP-5 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 03/09/98

Sample Weight N/A
Extract Volume N/A
% Solid 90

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/18/98 Time 17 54

Instrument HPMS8
Analyst MDA
Lab File ID 8CC00642

Method 8260A
Run ID R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	33	J	560	5
71-43-2	Benzene	ug/kg		ND	28	5
108-86-1	Bromobenzene	ug/kg		ND	28	5
74-97-5	Bromochloromethane	ug/kg		ND	28	5
75-27-4	Bromodichloromethane	ug/kg		ND	28	5
75-25-2	Bromoform	ug/kg		ND	28	5
74-83-9	Bromomethane	ug/kg		ND	56	5
78-93-3	2-Butanone	ug/kg		ND	560	5
104-51-8	n-Butylbenzene	ug/kg		ND	28	5
135-98-8	sec-Butylbenzene	ug/kg		ND	28	5
98-06-6	tert-Butylbenzene	ug/kg		ND	28	5
75-15-0	Carbon disulfide	ug/kg		ND	28	5
56-23-5	Carbon tetrachloride	ug/kg		ND	28	5
108-90-7	Chlorobenzene	ug/kg		ND	28	5
124-48-1	Chlorodibromomethane	ug/kg		ND	28	5
75-00-3	Chloroethane	ug/kg		ND	56	5
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	56	5
67-66-3	Chloroform	ug/kg		ND	28	5
74-87-3	Chloromethane	ug/kg		ND	56	5
95-49-8	2-Chlorotoluene	ug/kg		ND	28	5
106-43-4	4-Chlorotoluene	ug/kg		ND	28	5
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	28	5
106-93-4	1 2-Dibromoethane	ug/kg		ND	28	5
74-95-3	Dibromomethane	ug/kg		ND	28	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AMP-5 (1-3)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/09/98	% Solid	90
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 17 54	Lab File ID	8CC00642		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	28	5
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	28	5
106-46-7	1 4-Dichlorobenzene	ug/kg		ND	28	5
75-71-8	Dichlorodifluoromethane	ug/kg		ND	56	5
75-34-3	1 1-Dichloroethane	ug/kg	11	J	28	5
107-06-2	1 2-Dichloroethane	ug/kg		ND	28	5
75-35-4	1 1-Dichloroethene	ug/kg		ND	28	5
156-59-2	cis-1 2-Dichloroethene	ug/kg	370		28	5
156-60-5	trans-1 2-Dichloroethene	ug/kg	6 6	J	28	5
78-87-5	1,2-Dichloropropane	ug/kg		ND	28	5
142-28-9	1 3-Dichloropropane	ug/kg		ND	28	5
594-20-7	2 2-Dichloropropane	ug/kg		ND	28	5
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	28	5
10061-02-6	trans-1 3-Dichloropropene	ug/kg		ND	28	5
563-58-6	1 1-Dichloropropene	ug/kg		ND	28	5
100-41-4	Ethylbenzene	ug/kg		ND	28	5
591-78-6	2-Hexanone	ug/kg		ND	56	5
87-68-3	Hexachlorobutadiene	ug/kg		ND	28	5
98-82-8	Isopropylbenzene	ug/kg		ND	28	5
99-87-6	p-Isopropyltoluene	ug/kg		ND	28	5
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	56	5
75-09-2	Methylene chloride	ug/kg		ND	28	5
91-20-3	Naphthalene	ug/kg		ND	56	5
103-65-1	n-Propylbenzene	ug/kg		ND	28	5
100-42-5	Styrene	ug/kg		ND	28	5
630 20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	28	5
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	28	5
127-18-4	Tetrachloroethene	ug/kg	180		28	5
108-88-3	Toluene	ug/kg		ND	28	5
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	28	5
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	28	5
71-55-6	1 1 1-Trichloroethane	ug/kg	50		28	5
79-00-5	1 1 2-Trichloroethane	ug/kg		ND	28	5
79-01-6	Trichloroethene	ug/kg	5300	D	28	5
75-69-4	Trichlorofluoromethane	ug/kg		ND	56	5
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	28	5
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	28	5
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	28	5
108-05-4	Vinyl acetate	ug/kg		ND	56	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AMP-5 (1-3')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/09/98	% Solid	90
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 17 54	Lab File ID	8CC00642		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01-4	Vinyl chloride	ug/kg		ND	56	5
95-47-6	o-Xylene	ug/kg		ND	28	5
108-38-3	m-Xylene	ug/kg		ND	28	5
106-42-3	p-Xylene	ug/kg		ND	28	5

SURROGATES- In Percent Recovery

Dibromofluoromethane	104	(80 - 120%)
1 2-Dichloroethane-d4	98 9	(80 - 120%)
Toluene-d8	100	(81 - 117%)
4-Bromofluorobenzene	99 9	(74 - 121%)

Order # 98 03 172
March 26 1998 09 24 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Analyst	Date Collected	Run Date	Run Time	Department
WG37912	R43305	L9803172 04		Soil	Volatile Organics	8260A	MDA	06 MAR 1998	18 MAR 1998	14 46	Volatile GC/MS
WG37912	R43305	L9803172 06		Soil	Volatile Organics	8260A	MDA	09 MAR 1998	18 MAR 1998	17 54	Volatile GC/MS
WG37975	R43196	L9803172 02		Water	Volatile Organics	8260A	SLT	09 MAR 1998	19 MAR 1998	17 38	Volatile GC/MS
WG37975	R43196	L9803172 03		Water	Volatile Organics	8260A	SLT	09 MAR 1998	19 MAR 1998	18 13	Volatile GC/MS
WG38045	R43179	L9803172 01		Water	Volatile Organics	8260A	SLT	06 MAR 1998	20 MAR 1998	10 29	Volatile GC/MS
WG38075	R43308	L9803172 05		Soil	Volatile Organics	8260A	JLH	06 MAR 1998	20 MAR 1998	16 33	Volatile GC/MS
WG38143	R43321	L9803172 04		Soil	Percent Solids	D2216 90	DLN	06 MAR 1998	23 MAR 1998	10 00	Conventionals
WG38143	R43321	L9803172 05		Soil	Percent Solids	D2216 90	DLN	06 MAR 1998	23 MAR 1998	10 00	Conventionals
WG38143	R43321	L9803172 06		Soil	Percent Solids	D2216 90	DLN	09 MAR 1998	23 MAR 1998	10 00	Conventionals

KEMRON ANALYST LIST

Ohio Valley Laboratory

03/12/98

ALC - - Ann L Clark
BWH - - Ben W Haynes
CEB - - Chad E Barnes
CLH - - Chris L Hurst
CMS - - Crystal M Stevens
CRC - - Carla R Cochran
DIH - - Deanna I Hesson
DLN - - Deanna L Norton
DLP - - Dorothy L Payne
DST - - Dennis S Tepe
ECL - - Eric C Lawson
EDG - - Eric D Gerkin
FEH - - Fay E Harmon
HV - - Hema Vilasagar
JKM - - June K Morris
JLH - - Janice L Holland
JMM - - Jim M Monk
JWR - - John W Richards
JYH - - Ji Y Hu
KHA - - Kim H Archer
KMM - - Kevin M McDonald
KRA - - Kathy R Albertson
MAR - - MaryAnn Roach
MDA - - Mike D Albertson
MDC - - Michael D Cochran
MES - - Mary E Schiling
MLS - - Michael L Schimmel
MMB - - Maren M Beery
MZL - - Melanie Z Lewis
RDC - - Rebecca D Cutlip
RDS - - Rebecca D Sutton
REF - - Ron E Fertile
REK - - Robert E Kyer
RSS - - Regina S Simmons
RWC - - Rodney W Campbell
SJM - - Shawn J Marshall
SLP - - Sheri L Pfalzgraf
SLT - - Stephanie L Tepe
SPL - - Steve P Learn
TLD - - Teresa L Davis
VC - - Vicki Collier
WCD - - Wade C Dawson

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
March 9, 1998

Qualifier	Description
(A)	See the report narrative
(B)	See the report narrative
(C)	See the report narrative
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
X	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
3 N-nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m-Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX They are not always achievable for every compound and are matrix dependent

KEMRON Environmental Services
109 Starlite Park
Marietta Ohio 45750
Phone (614) 373-4071

ENTERED IN DATABASE
BY DATE DVS 5/8/98
CHECK BY MPS
DATE 5/11/98

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Cathy Dover

PO Number
Account Number COMPUCHEM-529
Invoice Number 537436

Login # L9803172
Report Date 03/26/98
Work ID SDG-208B/DAYTON THERM BLD 40B
Date Received 03/10/98

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9803172 01	FB030698-208B	L9803172-02	FB030998-208B
L9803172-03	TB030998-208B	L9803172 04	VMP-1 (1-3')
L9803172-05	VMP-5 (5-7')	L9803172-06	AMP-5 (1-3)

REVISED REPORT
SDG 208-B

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
David L Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

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Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030698-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/06/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43179
Analysis Date	03/20/98 Time 10 29	Lab File ID	6CU06523		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2 5	J	100	1
71-43 2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L	0 95	J	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66 3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95-49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans 1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030698-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/06/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43179
Analysis Date	03/20/98 Time 10 29	Lab File ID	6CU06523		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100 42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1,3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L		ND	2 0	1
1330-20 7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94 0	(86 - 118%)
1 2-Dichloroethane-d4	94 2	(80 - 120%)
Toluene-d8	104	(88 110%)
4-Bromofluorobenzene	109	(86 - 115%)

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KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172 02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 17 38	Lab File ID	6CU06511		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L	2 2	J	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78 93-3	2-Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106 93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	600	1
541-73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-02	Dil Type	N/A
Client Sample ID	FB030998-208B	COC Info	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B		
Matrix	Water	Date Collected	03/09/98
TCLP Extract Date	N/A	Instrument	HPMS6
Extract Date	N/A	Analyst	SLT
Analysis Date	03/19/98 Time 17 38	Lab File ID	6CU06511

Sample Weight	N/A
Extract Volume	N/A
% Solid	N/A
Method	8260A
Run ID	R43196

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10-1	4-Methyl-2 pentanone	ug/L		ND	10	1
75 09-2	Dichloromethane	ug/L	1 0	J	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88-3	Toluene	ug/L		ND	1000	1
87 61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71 55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79 00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L		ND	5 0	1
75 69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330 20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	101	(86 - 118%)
1 2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	108	(88 - 110%)
4-Bromofluorobenzene	115	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 18 13	Lab File ID	6CU06512		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L	2 3	J	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78 93-3	2-Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135 98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95 50-1	1,2 Dichlorobenzene	ug/L		ND	600	1
541 73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1 4 Dichlorobenzene	ug/L		ND	75	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	7 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	100	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01-5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP - Volatile Organics

Lab Sample ID	L9803172-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB030998-208B	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Water	Date Collected	03/09/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R43196
Analysis Date	03/19/98 Time 18 13	Lab File ID	6CU06512		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100-42 5	Styrene	ug/L		ND	100	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88-3	Toluene	ug/L		ND	1000	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330-20 7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	101	(86 - 118%)
1 2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	109	(88 - 110%)
4-Bromofluorobenzene	114	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803172-04
Client Sample ID VMP-1 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B

Matrix Soil
Collected 03/06/98 650

% Solid 86
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	86		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803172-04
Client Sample ID VMP-1 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 03/06/98

Sample Weight N/A
Extract Volume N/A
% Solid 86

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/18/98 Time 14 46

Instrument HPMS8
Analyst MDA
Lab File ID 8CC00638

Method 8260A
Run ID R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	21	J	580	5
71-43-2	Benzene	ug/kg		ND	29	5
108-86 1	Bromobenzene	ug/kg		ND	29	5
74-97 5	Bromochloromethane	ug/kg		ND	29	5
75-27-4	Bromodichloromethane	ug/kg		ND	29	5
75-25-2	Bromoform	ug/kg		ND	29	5
74-83-9	Bromomethane	ug/kg		ND	58	5
78-93-3	2-Butanone	ug/kg		ND	580	5
104-51-8	n-Butylbenzene	ug/kg		ND	29	5
135-98-8	sec-Butylbenzene	ug/kg		ND	29	5
98-06-6	tert-Butylbenzene	ug/kg		ND	29	5
75-15-0	Carbon disulfide	ug/kg		ND	29	5
56-23-5	Carbon tetrachloride	ug/kg		ND	29	5
108-90-7	Chlorobenzene	ug/kg		ND	29	5
124-48-1	Chlorodibromomethane	ug/kg		ND	29	5
75-00-3	Chloroethane	ug/kg		ND	58	5
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	58	5
67-66-3	Chloroform	ug/kg		ND	29	5
74 87-3	Chloromethane	ug/kg		ND	58	5
95-49-8	2-Chlorotoluene	ug/kg		ND	29	5
106-43 4	4-Chlorotoluene	ug/kg		ND	29	5
96-12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	29	5
106-93-4	1 2-Dibromoethane	ug/kg		ND	29	5
74-95-3	Dibromomethane	ug/kg		ND	29	5

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KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-1 (1 3)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	86
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 14 46	Lab File ID	8CC00638		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50 1	1 2-Dichlorobenzene	ug/kg		ND	29	5
541 73 1	1 3-Dichlorobenzene	ug/kg		ND	29	5
106 46 7	1 4-Dichlorobenzene	ug/kg		ND	29	5
75-71 8	Dichlorodifluoromethane	ug/kg		ND	58	5
75-34 3	1 1-Dichloroethane	ug/kg	5 3	J	29	5
107-06 2	1 2-Dichloroethane	ug/kg		ND	29	5
75-35 4	1 1-Dichloroethene	ug/kg		ND	29	5
156 59 2	cis-1 2-Dichloroethene	ug/kg	77		29	5
156-60 5	trans-1 2-Dichloroethene	ug/kg		ND	29	5
78-87 5	1 2-Dichloropropane	ug/kg		ND	29	5
142 28 9	1 3-Dichloropropane	ug/kg		ND	29	5
594-20 7	2 2-Dichloropropane	ug/kg		ND	29	5
10061-01 5	cis-1 3-Dichloropropene	ug/kg		ND	29	5
10061-02 6	trans-1 3-Dichloropropene	ug/kg		ND	29	5
563-58 6	1 1-Dichloropropene	ug/kg		ND	29	5
100-41 4	Ethylbenzene	ug/kg		ND	29	5
591-78 6	2-Hexanone	ug/kg		ND	58	5
87-68 3	Hexachlorobutadiene	ug/kg		ND	29	5
98 82 8	Isopropylbenzene	ug/kg		ND	29	5
99-87 6	p-Isopropyltoluene	ug/kg		ND	29	5
108-10 1	4-Methyl-2-pentanone	ug/kg		ND	58	5
75 09 2	Methylene chloride	ug/kg	5 7	J	29	5
91-20-3	Naphthalene	ug/kg		ND	58	5
103-65-1	n-Propylbenzene	ug/kg		ND	29	5
100-42 5	Styrene	ug/kg		ND	29	5
630-20 6	1 1 1 2-Tetrachloroethane	ug/kg		ND	29	5
79-34 5	1 1 2 2-Tetrachloroethane	ug/kg		ND	29	5
127-18 4	Tetrachloroethene	ug/kg	20	J	29	5
108 88 3	Toluene	ug/kg		ND	29	5
87-61 6	1 2 3-Trichlorobenzene	ug/kg		ND	29	5
120-82 1	1 2 4-Trichlorobenzene	ug/kg		ND	29	5
71 55 6	1 1 1-Trichloroethane	ug/kg	19	J	29	5
79-00 5	1 1 2-Trichloroethane	ug/kg		ND	29	5
79-01 6	Trichloroethene	ug/kg	70		29	5
75-69 4	Trichlorofluoromethane	ug/kg		ND	58	5
96-18 4	1 2 3-Trichloropropane	ug/kg		ND	29	5
95-63 6	1 2 4-Trimethylbenzene	ug/kg		ND	29	5
108 67 8	1 3 5-Trimethylbenzene	ug/kg		ND	29	5
108-05 4	Vinyl acetate	ug/kg		ND	58	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-1 (1 3)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	86
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 14 46	Lab File ID	8CC00638		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	58	5
95 47 6	o-Xylene	ug/kg		ND	29	5
108 38 3	m-Xylene	ug/kg		ND	29	5
106-42-3	p Xylene	ug/kg		ND	29	5

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105	(80 120%)
1 2-Dichloroethane-d4	102	(80 - 120%)
Toluene-d8	100	(81 - 117%)
4-Bromofluorobenzene	93 7	(74 - 121%)

Lab Sample ID	L9803172-05	Matrix	Soil	% Solid	76
Client Sample ID	VMP-5 (5-7)	Collected	03/06/98 1500	COC Info	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	76		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	VMP-5 (5-7')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/06/98	% Solid	76
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R43308
Analysis Date	03/20/98 Time 16 33	Lab File ID	8CC00683		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/kg	6 7	J	130	1
71-43-2	Benzene	ug/kg		ND	6 6	1
108 86-1	Bromobenzene	ug/kg		ND	6 6	1
74-97-5	Bromochloromethane	ug/kg		ND	6 6	1
75 27-4	Bromodichloromethane	ug/kg		ND	6 6	1
75 25-2	Bromoform	ug/kg		ND	6 6	1
74 83-9	Bromomethane	ug/kg		ND	13	1
78 93 3	2-Butanone	ug/kg		ND	130	1
104 51-8	n-Butylbenzene	ug/kg		ND	6 6	1
135-98-8	sec Butylbenzene	ug/kg		ND	6 6	1
98-06-6	tert-Butylbenzene	ug/kg		ND	6 6	1
75-15-0	Carbon disulfide	ug/kg		ND	6 6	1
56-23-5	Carbon tetrachloride	ug/kg		ND	6 6	1
108 90-7	Chlorobenzene	ug/kg		ND	6 6	1
124-48-1	Chlorodibromomethane	ug/kg		ND	6 6	1
75-00-3	Chloroethane	ug/kg		ND	13	1
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	13	1
67 66-3	Chloroform	ug/kg		ND	6 6	1
74 87-3	Chloromethane	ug/kg		ND	13	1
95-49-8	2-Chlorotoluene	ug/kg		ND	6 6	1
106 43-4	4-Chlorotoluene	ug/kg		ND	6 6	1
96 12-8	1 2-Dibromo-3-chloropropane	ug/kg		ND	6 6	1
106-93-4	1 2-Dibromoethane	ug/kg		ND	6 6	1
74-95-3	Dibromomethane	ug/kg		ND	6 6	1
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	6 6	1
541 73-1	1 3-Dichlorobenzene	ug/kg		ND	6 6	1
106 46-7	1 4-Dichlorobenzene	ug/kg		ND	6 6	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	13	1
75-34 3	1 1-Dichloroethane	ug/kg	4 1	J	6 6	1
107 06-2	1 2-Dichloroethane	ug/kg		ND	6 6	1
75 35-4	1 1-Dichloroethene	ug/kg		ND	6 6	1
156-59-2	cis-1 2-Dichloroethene	ug/kg	12	D	6 6	1
156-60 5	trans-1 2-Dichloroethene	ug/kg		ND	6 6	1
78-87 5	1 2-Dichloropropane	ug/kg		ND	6 6	1
142 28-9	1 3-Dichloropropane	ug/kg		ND	6 6	1
594-20-7	2 2-Dichloropropane	ug/kg		ND	6 6	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	6 6	1
10061 02 6	trans-1 3-Dichloropropene	ug/kg		ND	6 6	1
563 58 6	1 1-Dichloropropene	ug/kg		ND	6 6	1

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-05	Dil Type	N/A
Client Sample ID	VMP-5 (5-7)	COC Info	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B		
Matrix	Soil	Date Collected	03/06/98
TCLP Extract Date	N/A	Instrument	HPMS8
Extract Date	N/A	Analyst	JLH
Analysis Date	03/20/98 Time 16 33	Lab File ID	8CC00683

Sample Weight	N/A		
Extract Volume	N/A		
% Solid	76		
Method	8260A		
Run ID	R43308		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/kg		ND	6 6	1
591-78-6	2-Hexanone	ug/kg		ND	13	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	6 6	1
98-82 8	Isopropylbenzene	ug/kg		ND	6 6	1
99-87-6	p-Isopropyltoluene	ug/kg		ND	6 6	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	13	1
75-09-2	Methylene chloride	ug/kg	1 2	J	6 6	1
91 20-3	Naphthalene	ug/kg		ND	13	1
103-65-1	n-Propylbenzene	ug/kg		ND	6 6	1
100-42-5	Styrene	ug/kg		ND	6 6	1
630-20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	6 6	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/kg		ND	6 6	1
127 18 4	Tetrachloroethene	ug/kg	22	D	6 6	1
108-88-3	Toluene	ug/kg		ND	6 6	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	6 6	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	6 6	1
71 55 6	1 1 1-Trichloroethane	ug/kg	2 5	J	6 6	1
79-00 5	1 1 2-Trichloroethane	ug/kg		ND	6 6	1
79-01-6	Trichloroethene	ug/kg	29	D	6 6	1
75-69-4	Trichlorofluoromethane	ug/kg		ND	13	1
96-18-4	1 2 3-Trichloropropane	ug/kg		ND	6 6	1
95-63-6	1 2 4-Trimethylbenzene	ug/kg		ND	6 6	1
108-67-8	1 3 5-Trimethylbenzene	ug/kg		ND	6 6	1
108-05-4	Vinyl acetate	ug/kg		ND	13	1
75-01 4	Vinyl chloride	ug/kg		ND	13	1
95-47-6	o-Xylene	ug/kg		ND	6 6	1
108-38-3	m-Xylene	ug/kg		ND	6 6	1
106-42 3	p-Xylene	ug/kg		ND	6 6	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	103	(80 - 120%)
1 2-Dichloroethane-d4	98 1	(80 - 120%)
Toluene-d8	96 5	(81 - 117%)
4-Bromofluorobenzene	90 7	(74 121%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9803172-06
Client Sample ID AMP-5 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B

Matrix Soil
Collected 03/09/98 1520

% Solid 90
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	90		1 0	1	N/A	DLN	03/23/98	10 00	D2216-90

Product 8260 - Volatile Organics

Lab Sample ID L9803172-06
Client Sample ID AMP-5 (1-3)
Site/Work ID SDG-208B/DAYTON THERM BLD 40B
Matrix Soil

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 03/18/98 Time 17 54

Dil Type N/A
COC Info N/A
Date Collected 03/09/98
Instrument HPMS8
Analyst MDA
Lab File ID 8CC00542

Sample Weight N/A
Extract Volume N/A
% Solid 90
Method 8260A
Run ID R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	33	J	560	5
71 43-2	Benzene	ug/kg		ND	28	5
108-86-1	Bromobenzene	ug/kg		ND	28	5
74 97 5	Bromochloromethane	ug/kg		ND	28	5
75-27 4	Bromodichloromethane	ug/kg		ND	28	5
75-25-2	Bromoform	ug/kg		ND	28	5
74-83 9	Bromomethane	ug/kg		ND	56	5
78-93-3	2-Butanone	ug/kg		ND	560	5
104-51-8	n-Butylbenzene	ug/kg		ND	28	5
135-98-8	sec-Butylbenzene	ug/kg		ND	28	5
98-06-6	tert-Butylbenzene	ug/kg		ND	28	5
75-15-0	Carbon disulfide	ug/kg		ND	28	5
56-23-5	Carbon tetrachloride	ug/kg		ND	28	5
108-90-7	Chlorobenzene	ug/kg		ND	28	5
124-48-1	Chlorodibromomethane	ug/kg		ND	28	5
75 00 3	Chloroethane	ug/kg		ND	56	5
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	56	5
67-66-3	Chloroform	ug/kg		ND	28	5
74-87-3	Chloromethane	ug/kg		ND	56	5
95-49 8	2-Chlorotoluene	ug/kg		ND	28	5
106-43-4	4-Chlorotoluene	ug/kg		ND	28	5
96-12 8	1 2-Dibromo-3-chloropropane	ug/kg		ND	28	5
106-93 4	1 2-Dibromoethane	ug/kg		ND	28	5
74-95 3	Dibromomethane	ug/kg		ND	28	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AMP-5 (1-3')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/09/98	% Solid	90
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 17 54	Lab File ID	8CC00642		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	28	5
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	28	5
106-46-7	1 4-Dichlorobenzene	ug/kg		ND	28	5
75 71-8	Dichlorodifluoromethane	ug/kg		ND	56	5
75-34-3	1 1-Dichloroethane	ug/kg	11	J	28	5
107 06-2	1 2-Dichloroethane	ug/kg		ND	28	5
75 35-4	1 1-Dichloroethene	ug/kg		ND	28	5
156-59 2	cis-1 2-Dichloroethene	ug/kg	370		28	5
156 60-5	trans-1 2-Dichloroethene	ug/kg	6 6	J	28	5
78 87 5	1 2-Dichloropropane	ug/kg		ND	28	5
142-28-9	1 3-Dichloropropane	ug/kg		ND	28	5
594 20-7	2 2-Dichloropropane	ug/kg		ND	28	5
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	28	5
10061 02-6	trans-1 3-Dichloropropene	ug/kg		ND	28	5
563-58 6	1 1-Dichloropropene	ug/kg		ND	28	5
100-41 4	Ethylbenzene	ug/kg		ND	28	5
591-78-6	2-Hexanone	ug/kg		ND	56	5
87-68-3	Hexachlorobutadiene	ug/kg		ND	28	5
98-82-8	Isopropylbenzene	ug/kg		ND	28	5
99-87 6	p-Isopropyltoluene	ug/kg		ND	28	5
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	56	5
75-09-2	Methylene chloride	ug/kg		ND	28	5
91-20-3	Naphthalene	ug/kg		ND	56	5
103-65 1	n-Propylbenzene	ug/kg		ND	28	5
100-42-5	Styrene	ug/kg		ND	28	5
630 20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	28	5
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	28	5
127 18-4	Tetrachloroethene	ug/kg	180		28	5
108 88-3	Toluene	ug/kg		ND	28	5
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	28	5
120 82 1	1 2 4-Trichlorobenzene	ug/kg		ND	28	5
71-55-6	1 1 1-Trichloroethane	ug/kg	50		28	5
79 00-5	1 1 2-Trichloroethane	ug/kg		ND	28	5
79 01-6	Trichloroethene	ug/kg	5300	D	28	5
75-69-4	Trichlorofluoromethane	ug/kg		ND	56	5
96 18-4	1 2 3 Trichloropropane	ug/kg		ND	28	5
95 63-6	1 2 4 Trimethylbenzene	ug/kg		ND	28	5
108 67-8	1 3 5-Trimethylbenzene	ug/kg		ND	28	5
108 05-4	Vinyl acetate	ug/kg		ND	56	5

KEMRON ENVIRONMENTAL SERVICES

Product 8260 - Volatile Organics

Lab Sample ID	L9803172-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	AMP-5 (1 3')	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SDG-208B/DAYTON THERM BLD 40B				
Matrix	Soil	Date Collected	03/09/98	% Solid	90
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MDA	Run ID	R43305
Analysis Date	03/18/98 Time 17 54	Lab File ID	8CC00642		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	56	5
95-47 6	o-Xylene	ug/kg		ND	28	5
108-38 3	m-Xylene	ug/kg		ND	28	5
106-42 3	p-Xylene	ug/kg		ND	28	5

SURROGATES- In Percent Recovery

Dibromofluoromethane	104	(80 - 120%)
1 2-Dichloroethane-d4	98 9	(80 - 120%)
Toluene-d8	100	(81 - 117%)
4-Bromofluorobenzene	99 9	(74 - 121%)

Order # 98 03 172
March 26 1998 09 24 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Analyst	Date Collected	Run Date	Run Time	Department
G37912	R43305	L9803172 04		Soil	Volatile Organics	8260A	MDA	06 MAR 1998	18 MAR 1998	14 46	Volatile GC/MS
WG37912	R43305	L9803172 06		Soil	Volatile Organics	8260A	MDA	09 MAR 1998	18 MAR 1998	17 54	Volatile GC/MS
WG37975	R43196	L9803172 02		Water	Volatile Organics	8260A	SLT	09 MAR 1998	19 MAR 1998	17 38	Volatile GC/MS
WG37975	R43196	L9803172 03		Water	Volatile Organics	8260A	SLT	09 MAR 1998	19 MAR 1998	18 13	Volatile GC/MS
WG38[illegible]4	R 3179	L9803172 01		Water	Volatile Organics	8260A	SLT	06 MAR 1998	20 MAR 1998	10 29	Volatile GC/MS
WG38[illegible]75	R43308	L9803172 05		Soil	Volatile Organics	8260A	JLH	06 MAR 1998	20 MAR 1998	16 33	Volatile GC/MS
WG38 43	R43321	L9803172 04		Soil	Percent Solids	D2216 90	DLN	06 MAR 1998	23 MAR 1998	10 00	Conventionals
WG381 3	R43321	L9803172 05		Soil	Percent Solids	D2216 90	DLN	06 MAR 1998	23 MAR 1998	10 00	Conventionals
WG38 3	R43321	L9803172 06		Soil	Percent Solids	D2216 90	DLN	09 MAR 1998	23 MAR 1998	10 00	Conventionals

KEMRON ANALYST LIST

Ohio Valley Laboratory

03/12/98

ALC - - Ann L Clark
BWH - - Ben W Haynes
CEB - - Chad E Barnes
CLH - - Chris L Hurst
CMS - - Crystal M Stevens
CRC - - Carla R Cochran
DIH - - Deanna I Hesson
DLN - - Deanna L Norton
DLP - - Dorothy L Payne
DST - - Dennis S Tepe
ECL - - Eric C Lawson
EDG - - Eric D Gerkin
FEH - - Fay E Harmon
HV - - Hema Vilasagar
JKM - - June K Morris
JLH - - Janice L Holland
JMM - - Jim M Monk
JWR - - John W Richards
JYH - - Ji Y Hu
KHA - - Kim H Archer
KMM - - Kevin M McDonald
KRA - - Kathy R Albertson
MAR - - MaryAnn Roach
MDA - - Mike D Albertson
MDC - - Michael D Cochran
MES - - Mary E Schiling
MLS - - Michael L Schimmel
MMB - - Maren M Beery
MZL - - Melanie Z Lewis
RDC - - Rebecca D Cutlip
RDS - - Rebecca D Sutton
REF - - Ron E Fertile
REK - - Robert E Kyer
RSS - - Regina S Simmons
RWC - - Rodney W Campbell
SJM - - Shawn J Marshall
SLP - - Sheri L Pfalzgraf
SLT - - Stephanie L Tepe
SPL - - Steve P Learn
TLD - - Teresa L Davis
VC - - Vicki Collier
WCD - - Wade C Dawson

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
March 9, 1998

Qualifier	Description
(A)	See the report narrative
(B)	See the report narrative
(C)	See the report narrative
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
X	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1 2-Diphenylhydrazine is unstable and is reported as azobenzene
3 N-nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX They are not always achievable for every compound and are matrix dependent

REA-208

AFFIDAVIT ON BEHALF OF CERTIFIED LABORATORY

I, David Bumgarner, being duly sworn on oath, state that, to the best of my knowledge, information, and belief

1 I am authorized to submit this affidavit on behalf of KEMRON Environmental Services, Inc, which has been engaged as a Certified Laboratory for purposes of a voluntary action pursuant to Ohio s Voluntary Action Program

2 The voluntary action is being conducted at the Dayton Thermal property located at 1600 Webster St Dayton, OH 45401

3 KEMRON Environmental Services, Inc. was a Certified Laboratory pursuant to Ohio Revised Code (ORC) Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300 when it performed the analyses for the purposes of conducting or completing the voluntary action

4 All of the analyses performed by KEMRON Environmental Services, Inc for purposes of conducting or completing the voluntary action complied with the applicable requirements of ORC Chapter 3746 and rules adopted under OAC Chapter 3745-300

5 The following information data, documents, and/or reports attached hereto, are being submitted with this affidavit (attach additional pages if more space is needed)

(a) Report No L9803172

(b) _____,

(c) _____

6 All of the information data documents and/or reports submitted with this affidavit are true, accurate and complete

7 KEMRON Environmental Services, Inc. has no conflict of interest, as set forth in OAC rules 3745-300-04(I)(5) and 3745-300-05 (F)(3), in performing the analyses referred to in this affidavit

FURTHER AFFIANT SAYETH NOT

David F Bumgarner
(Signature)

Subscribed and sworn before me
this 25 day of March, 1998

Lucinda Sue Arnold
Notary Public

My commission expires 06/16/2002

LUCINDA SUE ARNOLD
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 6/16/2002

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (614) 373-4071

ENTERED IN DATABASE
BY/DATE DVS 5/8/98
CHECKED BY
DATE 5/11/98

CompuChem
501 Madison Avenue
Cary, NC 27513

Attention: Cathy Dover

PO Number:
Account Number: COMPUCHEM-529

Login #: L9803172
Report Date: 03/24/98
Work ID: SDG-208B/DAYTON THERM. BLD.40B
Date Received: 03/10/98

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9803172-01	FB030698-208B	L9803172-02	FB030998-208B
L9803172-03	TB030998-208B	L9803172-04	VMP-1 (1-3')
L9803172-05	VMP-5 (5-7')	L9803172-06	AMP-5 (1-3')

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

Login #L9803172
March 24, 1998 02:55 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-01
Client Sample ID: FB030698-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/98 Time: 10:29

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06523

Method: 8260A
Run ID: R43179

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2.5	J	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L	0.95	J	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	7.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	100	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-01
Client Sample ID: FB030698-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/98 Time: 10:29

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06523

Method: 8260A
Run ID: R43179

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	200	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2.0	1
1330-20-7	Xylenes, Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.0	(86 - 118%)
1,2-Dichloroethane-d4	94.2	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	109	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-02
Client Sample ID: FB030998-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/19/98 Time: 17:38

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06511

Method: 8260A
Run ID: R43196

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2.2	J	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	7.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	100	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-02
Client Sample ID: FB030998-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/19/98 Time: 17:38

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06511

Method: 8260A
Run ID: R43196

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L	1.0	J	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	200	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2.0	1
1330-20-7	Xylenes, Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1,2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	108	(88 - 110%)
4-Bromofluorobenzene	115	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-03
Client Sample ID: TB030998-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/19/98 Time: 18:13

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06512

Method: 8260A
Run ID: R43196

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	2.3	J	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	600	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	75	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	7.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	70	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	100	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP - Volatile Organics

Lab Sample ID: L9803172-03
Client Sample ID: TB030998-208B
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/19/98 Time: 18:13

Instrument: HPMS6
Analyst: SLT
Lab File ID: 6CU06512

Method: 8260A
Run ID: R43196

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	100	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	1000	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	70	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	200	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2.0	1
1330-20-7	Xylenes, Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1,2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	109	(88 - 110%)
4-Bromofluorobenzene	114	(86 - 115%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L9803172-04
Client Sample ID: VMP-1 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B

Matrix: Soil
Collected: 03/06/98 650

% Solid: 86
COC Info: N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	% wt.	86		1.0	1	N/A	DLN	03/23/98	10:00	D2216-90

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-04
Client Sample ID: VMP-1 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 86

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 14:46

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00638

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/kg	21	J	580	5
71-43-2	Benzene.....	ug/kg		ND	29	5
108-86-1	Bromobenzene.....	ug/kg		ND	29	5
74-97-5	Bromochloromethane.....	ug/kg		ND	29	5
75-27-4	Bromodichloromethane.....	ug/kg		ND	29	5
75-25-2	Bromoform.....	ug/kg		ND	29	5
74-83-9	Bromomethane.....	ug/kg		ND	58	5
78-93-3	2-Butanone.....	ug/kg		ND	580	5
104-51-8	n-Butylbenzene.....	ug/kg		ND	29	5
135-98-8	sec-Butylbenzene.....	ug/kg		ND	29	5
98-06-6	tert-Butylbenzene.....	ug/kg		ND	29	5
75-15-0	Carbon disulfide.....	ug/kg		ND	29	5
56-23-5	Carbon tetrachloride.....	ug/kg		ND	29	5
108-90-7	Chlorobenzene.....	ug/kg		ND	29	5
124-48-1	Chlorodibromomethane.....	ug/kg		ND	29	5
75-00-3	Chloroethane.....	ug/kg		ND	58	5
110-75-8	2-Chloroethyl vinyl ether.....	ug/kg		ND	58	5
67-66-3	Chloroform.....	ug/kg		ND	29	5
74-87-3	Chloromethane.....	ug/kg		ND	58	5
95-49-8	2-Chlorotoluene.....	ug/kg		ND	29	5
106-43-4	4-Chlorotoluene.....	ug/kg		ND	29	5
96-12-8	1,2-Dibromo-3-chloropropane.....	ug/kg		ND	29	5
106-93-4	1,2-Dibromoethane.....	ug/kg		ND	29	5
74-95-3	Dibromomethane.....	ug/kg		ND	29	5

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-04
Client Sample ID: VMP-1 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 86

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 14:46

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00638

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	29	5
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	29	5
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	29	5
75-71-8	Dichlorodifluoromethane	ug/kg		ND	58	5
75-34-3	1,1-Dichloroethane	ug/kg	5.3	J	29	5
107-06-2	1,2-Dichloroethane	ug/kg		ND	29	5
75-35-4	1,1-Dichloroethene	ug/kg		ND	29	5
156-59-2	cis-1,2-Dichloroethene	ug/kg	77		29	5
156-60-5	trans-1,2-Dichloroethene	ug/kg		ND	29	5
78-87-5	1,2-Dichloropropane	ug/kg		ND	29	5
142-28-9	1,3-Dichloropropane	ug/kg		ND	29	5
594-20-7	2,2-Dichloropropane	ug/kg		ND	29	5
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	29	5
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	29	5
563-58-6	1,1-Dichloropropene	ug/kg		ND	29	5
100-41-4	Ethylbenzene	ug/kg		ND	29	5
591-78-6	2-Hexanone	ug/kg		ND	58	5
87-68-3	Hexachlorobutadiene	ug/kg		ND	29	5
98-82-8	Isopropylbenzene	ug/kg		ND	29	5
99-87-6	p-Isopropyltoluene	ug/kg		ND	29	5
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	58	5
75-09-2	Methylene chloride	ug/kg	5.7	J	29	5
91-20-3	Naphthalene	ug/kg		ND	58	5
103-65-1	n-Propylbenzene	ug/kg		ND	29	5
100-42-5	Styrene	ug/kg		ND	29	5
630-20-6	1,1,1,2-Tetrachloroethane	ug/kg		ND	29	5
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	29	5
127-18-4	Tetrachloroethene	ug/kg	20	J	29	5
108-88-3	Toluene	ug/kg		ND	29	5
87-61-6	1,2,3-Trichlorobenzene	ug/kg		ND	29	5
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	29	5
71-55-6	1,1,1-Trichloroethane	ug/kg	19	J	29	5
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	29	5
79-01-6	Trichloroethene	ug/kg	470		29	5
75-69-4	Trichlorofluoromethane	ug/kg		ND	58	5
96-18-4	1,2,3-Trichloropropane	ug/kg		ND	29	5
95-63-6	1,2,4-Trimethylbenzene	ug/kg		ND	29	5
108-67-8	1,3,5-Trimethylbenzene	ug/kg		ND	29	5
108-05-4	Vinyl acetate	ug/kg		ND	58	5

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-04
Client Sample ID: VMP-1 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 86

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 14:46

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00638

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01-4	Vinyl chloride.....	ug/kg		ND	58	5
95-47-6	o-Xylene.....	ug/kg		ND	29	5
108-38-3	m-Xylene.....	ug/kg		ND	29	5
106-42-3	p-Xylene.....	ug/kg		ND	29	5

SURROGATES- In Percent Recovery:

Dibromofluoromethane.....	105	(80 - 120%)
1,2-Dichloroethane-d4.....	102	(80 - 120%)
Toluene-d8.....	100	(81 - 117%)
4-Bromofluorobenzene.....	93.7	(74 - 121%)

Lab Sample ID: L9803172-05
Client Sample ID: VMP-5 (5-7')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B

Matrix: Soil
Collected: 03/06/98 1500

% Solid: 76
COC Info: N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	% wt.	76		1.0	1	N/A	DLN	03/23/98	10:00	D2216-90

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-05
Client Sample ID: VMP-5 (5-7')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 76

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/98 Time: 16:33

Instrument: HPMS8
Analyst: JLH
Lab File ID: 8CC00683

Method: 8260A
Run ID: R43308

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg	6.7	J	130	1
71-43-2	Benzene	ug/kg		ND	6.6	1
108-86-1	Bromobenzene	ug/kg		ND	6.6	1
74-97-5	Bromochloromethane	ug/kg		ND	6.6	1
75-27-4	Bromodichloromethane	ug/kg		ND	6.6	1
75-25-2	Bromoform	ug/kg		ND	6.6	1
74-83-9	Bromomethane	ug/kg		ND	13	1
78-93-3	2-Butanone	ug/kg		ND	130	1
104-51-8	n-Butylbenzene	ug/kg		ND	6.6	1
135-98-8	sec-Butylbenzene	ug/kg		ND	6.6	1
98-06-6	tert-Butylbenzene	ug/kg		ND	6.6	1
75-15-0	Carbon disulfide	ug/kg		ND	6.6	1
56-23-5	Carbon tetrachloride	ug/kg		ND	6.6	1
108-90-7	Chlorobenzene	ug/kg		ND	6.6	1
124-48-1	Chlorodibromomethane	ug/kg		ND	6.6	1
75-00-3	Chloroethane	ug/kg		ND	13	1
110-75-8	2-Chloroethyl vinyl ether	ug/kg		ND	13	1
67-66-3	Chloroform	ug/kg		ND	6.6	1
74-87-3	Chloromethane	ug/kg		ND	13	1
95-49-8	2-Chlorotoluene	ug/kg		ND	6.6	1
106-43-4	4-Chlorotoluene	ug/kg		ND	6.6	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg		ND	6.6	1
106-93-4	1,2-Dibromoethane	ug/kg		ND	6.6	1
74-95-3	Dibromomethane	ug/kg		ND	6.6	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	6.6	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	6.6	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	6.6	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	13	1
75-34-3	1,1-Dichloroethane	ug/kg	4.1	J	6.6	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	6.6	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	6.6	1
156-59-2	cis-1,2-Dichloroethene	ug/kg	12	D	6.6	1
156-60-5	trans-1,2-Dichloroethene	ug/kg		ND	6.6	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	6.6	1
142-28-9	1,3-Dichloropropane	ug/kg		ND	6.6	1
594-20-7	2,2-Dichloropropane	ug/kg		ND	6.6	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	6.6	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	6.6	1
563-58-6	1,1-Dichloropropene	ug/kg		ND	6.6	1

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-05
Client Sample ID: VMP-5 (5-7')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/06/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 76

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/98 Time: 16:33

Instrument: HPMS8
Analyst: JLH
Lab File ID: 8CC00683

Method: 8260A
Run ID: R43308

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/kg		ND	6.6	1
591-78-6	2-Hexanone	ug/kg		ND	13	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	6.6	1
98-82-8	Isopropylbenzene	ug/kg		ND	6.6	1
99-87-6	p-Isopropyltoluene	ug/kg		ND	6.6	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	13	1
75-09-2	Methylene chloride	ug/kg	1.2	J	6.6	1
91-20-3	Naphthalene	ug/kg		ND	13	1
103-65-1	n-Propylbenzene	ug/kg		ND	6.6	1
100-42-5	Styrene	ug/kg		ND	6.6	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/kg		ND	6.6	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	6.6	1
127-18-4	Tetrachloroethene	ug/kg	22	D	6.6	1
108-88-3	Toluene	ug/kg		ND	6.6	1
87-61-6	1,2,3-Trichlorobenzene	ug/kg		ND	6.6	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	6.6	1
71-55-6	1,1,1-Trichloroethane	ug/kg	2.5	J	6.6	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	6.6	1
79-01-6	Trichloroethene	ug/kg	29	D	6.6	1
75-69-4	Trichlorofluoromethane	ug/kg		ND	13	1
96-18-4	1,2,3-Trichloropropane	ug/kg		ND	6.6	1
95-63-6	1,2,4-Trimethylbenzene	ug/kg		ND	6.6	1
108-67-8	1,3,5-Trimethylbenzene	ug/kg		ND	6.6	1
108-05-4	Vinyl acetate	ug/kg		ND	13	1
75-01-4	Vinyl chloride	ug/kg		ND	13	1
95-47-6	o-Xylene	ug/kg		ND	6.6	1
108-38-3	m-Xylene	ug/kg		ND	6.6	1
106-42-3	p-Xylene	ug/kg		ND	6.6	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	103	(80 - 120%)
1,2-Dichloroethane-d4	98.1	(80 - 120%)
Toluene-d8	96.5	(81 - 117%)
4-Bromofluorobenzene	90.7	(74 - 121%)

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L9803172-06
Client Sample ID: AMP-5 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B

Matrix: Soil
Collected: 03/09/98 1520

% Solid: 90
COC Info: N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	% wt.	90		1.0	1	N/A	DLN	03/23/98	10:00	D2216-90

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-06
Client Sample ID: AMP-5 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 90

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 17:54

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00642

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/kg	33	J	560	5
71-43-2	Benzene.....	ug/kg		ND	28	5
108-86-1	Bromobenzene.....	ug/kg		ND	28	5
74-97-5	Bromochloromethane.....	ug/kg		ND	28	5
75-27-4	Bromodichloromethane.....	ug/kg		ND	28	5
75-25-2	Bromoform.....	ug/kg		ND	28	5
74-83-9	Bromomethane.....	ug/kg		ND	56	5
78-93-3	2-Butanone.....	ug/kg		ND	560	5
104-51-8	n-Butylbenzene.....	ug/kg		ND	28	5
135-98-8	sec-Butylbenzene.....	ug/kg		ND	28	5
98-06-6	tert-Butylbenzene.....	ug/kg		ND	28	5
75-15-0	Carbon disulfide.....	ug/kg		ND	28	5
56-23-5	Carbon tetrachloride.....	ug/kg		ND	28	5
108-90-7	Chlorobenzene.....	ug/kg		ND	28	5
124-48-1	Chlorodibromomethane.....	ug/kg		ND	28	5
75-00-3	Chloroethane.....	ug/kg		ND	56	5
110-75-8	2-Chloroethyl vinyl ether.....	ug/kg		ND	56	5
67-66-3	Chloroform.....	ug/kg		ND	28	5
74-87-3	Chloromethane.....	ug/kg		ND	56	5
95-49-8	2-Chlorotoluene.....	ug/kg		ND	28	5
106-43-4	4-Chlorotoluene.....	ug/kg		ND	28	5
96-12-8	1,2-Dibromo-3-chloropropane.....	ug/kg		ND	28	5
106-93-4	1,2-Dibromoethane.....	ug/kg		ND	28	5
74-95-3	Dibromomethane.....	ug/kg		ND	28	5

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-06
Client Sample ID: AMP-5 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 90

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 17:54

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00642

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	28	5
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	28	5
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	28	5
75-71-8	Dichlorodifluoromethane	ug/kg		ND	56	5
75-34-3	1,1-Dichloroethane	ug/kg	11	J	28	5
107-06-2	1,2-Dichloroethane	ug/kg		ND	28	5
75-35-4	1,1-Dichloroethene	ug/kg		ND	28	5
156-59-2	cis-1,2-Dichloroethene	ug/kg	370		28	5
156-60-5	trans-1,2-Dichloroethene	ug/kg	6.6	J	28	5
78-87-5	1,2-Dichloropropane	ug/kg		ND	28	5
142-28-9	1,3-Dichloropropane	ug/kg		ND	28	5
594-20-7	2,2-Dichloropropane	ug/kg		ND	28	5
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	28	5
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	28	5
563-58-6	1,1-Dichloropropene	ug/kg		ND	28	5
100-41-4	Ethylbenzene	ug/kg		ND	28	5
591-78-6	2-Hexanone	ug/kg		ND	56	5
87-68-3	Hexachlorobutadiene	ug/kg		ND	28	5
98-82-8	Isopropylbenzene	ug/kg		ND	28	5
99-87-6	p-Isopropyltoluene	ug/kg		ND	28	5
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	56	5
75-09-2	Methylene chloride	ug/kg		ND	28	5
91-20-3	Naphthalene	ug/kg		ND	56	5
103-65-1	n-Propylbenzene	ug/kg		ND	28	5
100-42-5	Styrene	ug/kg		ND	28	5
630-20-6	1,1,1,2-Tetrachloroethane	ug/kg		ND	28	5
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	28	5
127-18-4	Tetrachloroethene	ug/kg	180		28	5
108-88-3	Toluene	ug/kg		ND	28	5
87-61-6	1,2,3-Trichlorobenzene	ug/kg		ND	28	5
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	28	5
71-55-6	1,1,1-Trichloroethane	ug/kg	50		28	5
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	28	5
79-01-6	Trichloroethene	ug/kg	5300	D	28	5
75-69-4	Trichlorofluoromethane	ug/kg		ND	56	5
96-18-4	1,2,3-Trichloropropane	ug/kg		ND	28	5
95-63-6	1,2,4-Trimethylbenzene	ug/kg		ND	28	5
108-67-8	1,3,5-Trimethylbenzene	ug/kg		ND	28	5
108-05-4	Vinyl acetate	ug/kg		ND	56	5

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9803172-06
Client Sample ID: AMP-5 (1-3')
Site/Work ID: SDG-208B/DAYTON THERM. BLD.40B
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 03/09/98

Sample Weight: N/A
Extract Volume: N/A
% Solid: 90

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/18/98 Time: 17:54

Instrument: HPMS8
Analyst: MDA
Lab File ID: 8CC00642

Method: 8260A
Run ID: R43305

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01-4	Vinyl chloride.....	ug/kg		ND	56	5
95-47-6	o-Xylene.....	ug/kg		ND	28	5
108-38-3	m-Xylene.....	ug/kg		ND	28	5
106-42-3	p-Xylene.....	ug/kg		ND	28	5

SURROGATES- In Percent Recovery:

Dibromofluoromethane.....	104	(80 - 120%)
1,2-Dichloroethane-d4.....	98.9	(80 - 120%)
Toluene-d8.....	100	(81 - 117%)
4-Bromofluorobenzene.....	99.9	(74 - 121%)

Order #: 98-03-172
March 24, 1998 02:55 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Analyst	Date Collected	Run Date	Run Time	Department
WG37912	R43305	L9803172-04		Soil	Volatile Organics	8260A	MDA	06-MAR-1998	18-MAR-1998	14:46	Volatile - GC/MS
WG37912	R43305	L9803172-06		Soil	Volatile Organics	8260A	MDA	09-MAR-1998	18-MAR-1998	17:54	Volatile - GC/MS
WG37975	R43196	L9803172-02		Water	Volatile Organics	8260A	SLT	09-MAR-1998	19-MAR-1998	17:38	Volatile - GC/MS
WG37975	R43196	L9803172-03		Water	Volatile Organics	8260A	SLT	09-MAR-1998	19-MAR-1998	18:13	Volatile - GC/MS
WG38045	R43179	L9803172-01		Water	Volatile Organics	8260A	SLT	06-MAR-1998	20-MAR-1998	10:29	Volatile - GC/MS
WG38075	R43308	L9803172-05		Soil	Volatile Organics	8260A	JLH	06-MAR-1998	20-MAR-1998	16:33	Volatile - GC/MS
WG38143	R43321	L9803172-04		Soil	Percent Solids	D2216-90	DLN	06-MAR-1998	23-MAR-1998	10:00	Conventionals
WG38143	R43321	L9803172-05		Soil	Percent Solids	D2216-90	DLN	06-MAR-1998	23-MAR-1998	10:00	Conventionals
WG38143	R43321	L9803172-06		Soil	Percent Solids	D2216-90	DLN	09-MAR-1998	23-MAR-1998	10:00	Conventionals

KEMRON ANALYST LIST

Ohio Valley Laboratory

01/06/98

ALC - - Ann L. Clark
BWH - - Ben W. Haynes
CEB - - Chad E. Barnes
CLH - - Chris L. Hurst
CMS - - Crystal M. Stevens
CRC - - Carla R. Cochran
DIH - - Deanna I. Hesson
DLN - - Deanna L. Norton
DLP - - Dorothy L. Payne
DST - - Dennis S. Tepe
ECL - - Eric C. Lawson
EDG - - Eric D. Gerkin
FEH - - Fay E. Harmon
HV - - Hema Vilasagar
JKM - - June K. Morris
JLI - - Janice L. Holland
JMM - - Jim M. Monk
JWR - - John W. Richards
JYH - - Ji Y. Hu
KHA - - Kim H. Archer
KMM - - Kevin M. McDonald
KRA - - Kathy R. Albertson
MAR - - MaryAnn Roach
MDA - - Mike D. Albertson
MDC - - Michael D. Cochran
MES - - Mary E. Schiling
MLS - - Michael L. Schimmel
MMB - - Maren M. Beery
MZL - - Melanie Z. Lewis
RDC - - Rebecca D. Cutlip
RDS - - Rebecca D. Sutton
REF - - Ron E. Fertile
REK - - Robert E. Kyer
RSS - - Regina S. Simmons
RWC - - Rodney W. Campbell
SJM - - Shawn J. Marshall
SLP - - Sheri L. Pfalzgraf
SLT - - Stephanie L. Tepe
SPL - - Steve P. Learn
TLD - - Teresa L. Davis
VC - - Vicki Collier
WCD - - Wade C. Dawson

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS (qual)
March 9, 1998

Qualifier	Description
(A)	See the report narrative
(B)	See the report narrative
(C)	See the report narrative
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
X	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

ORGANIC QA/QC

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ORGANIC QA/QC

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37912	Run Date:	3/18/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-172-04	SMPL DF:	5
Matrix:	Soil	BLK FLNM:	8BK00652	SMPL FLNM:	8CC00638	MS DF:	5
Units:	ug/kg	BLK2 FLNM:	8BK00635	MS FLNM:	8CC00639.D	MSD DF:	5
		LCS FLNM:	8LC00636.D	MSD FLNM:	8CC00640.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	1.0	ND	ND	12.5	NA	20.0	ND	35.1	34.4	50.0	62.4	NA	46.0	152.0	70.2	68.9	46.0	152.0	2.0	20.0
chloromethane	1.0	ND	ND	15.8	NA	20.0	ND	43.9	45.0	50.0	79.2	NA	64.0	140.0	87.9	90.0	64.0	140.0	2.4	20.0
vinyl chloride	1.0	ND	ND	20.7	NA	20.0	ND	51.2	52.7	50.0	103.6	NA	70.0	137.0	102.4	105.5	70.0	137.0	3.0	20.0
bromomethane	1.0	ND	ND	20.3	NA	20.0	ND	56.0	56.6	50.0	101.6	NA	62.0	147.0	111.9	113.3	62.0	147.0	1.2	20.0
chloroethane	1.0	ND	ND	21.5	NA	20.0	ND	56.0	57.1	50.0	107.3	NA	69.0	136.0	112.1	114.2	69.0	136.0	1.9	20.0
trichlorofluoromethane	1.0	ND	ND	20.2	NA	20.0	ND	58.5	56.9	50.0	100.8	NA	70.0	134.0	116.9	113.8	70.0	134.0	2.7	20.0
freon 113	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
acetone	NTC	ND	ND	17.5	NA	20.0	ND	47.8	49.3	50.0	87.7	NA	14.0	171.0	95.5	98.6	14.0	171.0	3.2	20.0
1,1-dichloroethene	1.0	ND	ND	23.7	NA	20.0	ND	68.3	67.3	50.0	118.7	NA	70.0	140.0	136.6	134.5	70.0	140.0	1.5	20.0
iodomethane	NTC	ND	ND	19.3	NA	20.0	ND	66.0	67.7	50.0	96.5	NA	50.0	150.0	132.0	135.5	50.0	150.0	2.6	20.0
methylene chloride	1.0	ND	ND	21.8	NA	20.0	ND	60.4	60.6	50.0	109.0	NA	57.0	146.0	120.9	121.1	57.0	146.0	0.2	20.0
carbon disulfide	NTC	ND	ND	19.4	NA	20.0	ND	60.2	61.1	50.0	96.9	NA	69.0	125.0	120.3	122.3	69.0	125.0	1.6	20.0
acrylonitrile	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
trans-1,2-dichloroethene	1.0	ND	ND	25.3	NA	20.0	ND	73.0	71.2	50.0	126.3	NA	75.0	141.0	146.0	142.3	75.0	141.0	2.6	20.0
vinyl acetate	NTC	ND	ND	11.1	NA	20.0	ND	30.2	25.3	50.0	55.3	NA	D	132.0	60.5	50.5	D	132.0	17.9	20.0
1,1-dichloroethane	1.0	ND	ND	23.0	NA	20.0	ND	66.3	65.7	50.0	115.1	NA	79.0	125.0	132.6	131.4	79.0	125.0	0.9	20.0
2-butanone	NTC	ND	ND	17.8	NA	20.0	ND	52.6	53.4	50.0	89.2	NA	28.0	173.0	105.2	106.8	28.0	173.0	1.5	20.0
2,2-dichloropropane	1.0	ND	ND	23.3	NA	20.0	ND	69.1	66.7	50.0	116.7	NA	69.0	128.0	138.2	133.3	69.0	128.0	3.6	20.0
cis-1,2-dichloroethene	1.0	ND	ND	22.0	NA	20.0	ND	70.1	67.5	50.0	109.8	NA	75.0	125.0	140.1	135.1	75.0	125.0	3.7	20.0
chloroform	1.0	ND	ND	22.9	NA	20.0	ND	66.9	66.0	50.0	114.3	NA	78.0	124.0	133.8	132.0	78.0	124.0	1.4	20.0

Notes and Definitions:

RDL = Reporting Detection Limit
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LCS2 = Second Laboratory Control Sample
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MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37912	Run Date:	3/18/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-172-04	SMPL DF:	5
Matrix:	Soil	BLK FLNM:	8BK00652	SMPL FLNM:	8CC00638	MS DF:	5
Units:	ug/kg	BLK2 FLNM:	8BK00635	MS FLNM:	8CC00639.D	MSD DF:	5
		LCS FLNM:	8LC00636.D	MSD FLNM:	8CC00640.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
bromochloromethane	1.0	ND	ND	22.7	NA	20.0	ND	65.8	66.0	50.0	113.7	NA	78.0	125.0	131.6	132.0	78.0	125.0	0.3	20.0
1,1,1-trichloroethane	1.0	ND	ND	23.4	NA	20.0	ND	71.1	69.2	50.0	117.2	NA	77.0	124.0	142.2	138.5	77.0	124.0	2.7	20.0
1,1-dichloropropene	1.0	ND	ND	24.9	NA	20.0	ND	71.4	69.6	50.0	124.7	NA	85.0	132.0	142.7	139.1	85.0	132.0	2.6	20.0
carbon tetrachloride	1.0	ND	ND	23.8	NA	20.0	ND	71.8	69.8	50.0	119.0	NA	77.0	126.0	143.6	139.5	77.0	126.0	2.9	20.0
1,2-dichloroethane	1.0	ND	ND	22.9	NA	20.0	ND	65.2	65.3	50.0	114.3	NA	75.0	126.0	130.5	130.5	75.0	126.0	0.0	20.0
benzene	1.0	ND	ND	22.3	NA	20.0	ND	63.6	62.9	50.0	111.5	NA	81.0	122.0	127.2	125.8	81.0	122.0	1.1	20.0
trichloroethene	1.0	ND	ND	22.7	NA	20.0	ND	127.2	122.8	50.0	113.7	NA	81.0	123.0	254.3	245.6	81.0	123.0	3.5	20.0
1,2-dichloropropane	1.0	ND	ND	22.3	NA	20.0	ND	64.3	63.8	50.0	111.5	NA	79.0	125.0	128.6	127.6	79.0	125.0	0.8	20.0
bromodichloromethane	1.0	ND	ND	23.5	NA	20.0	ND	71.1	69.7	50.0	117.5	NA	81.0	123.0	142.2	139.3	81.0	123.0	2.0	20.0
dibromomethane	1.0	ND	ND	23.3	NA	20.0	ND	65.7	66.0	50.0	116.3	NA	80.0	126.0	131.4	132.1	80.0	126.0	0.5	20.0
2-chloroethylvinyl-ether	NTC	ND	ND	27.6	NA	20.0	ND	90.5	94.4	50.0	137.9	NA	50.0	151.0	181.0	188.9	50.0	151.0	4.2	20.0
4-methyl-2-pentanone	NTC	ND	ND	19.7	NA	20.0	ND	61.5	61.1	50.0	98.7	NA	38.0	162.0	122.9	122.2	38.0	162.0	0.6	20.0
cis-1,3-dichloropropene	1.0	ND	ND	23.4	NA	20.0	ND	67.8	66.8	50.0	116.9	NA	81.0	124.0	135.7	133.6	81.0	124.0	1.5	20.0
toluene	1.0	ND	ND	21.7	NA	20.0	ND	59.9	58.8	50.0	108.3	NA	80.0	124.0	119.7	117.5	80.0	124.0	1.9	20.0
trans-1,3-dichloropropene	1.0	ND	ND	22.8	NA	20.0	ND	64.8	64.0	50.0	114.1	NA	80.0	122.0	129.7	128.0	80.0	122.0	1.3	20.0
1,1,2-trichloroethane	1.0	ND	ND	22.2	NA	20.0	ND	61.9	60.9	50.0	111.1	NA	79.0	123.0	123.8	121.8	79.0	123.0	1.6	20.0
2-hexanone	NTC	ND	ND	18.1	NA	20.0	ND	53.8	55.5	50.0	90.7	NA	31.0	149.0	107.6	111.0	31.0	149.0	3.1	20.0
1,3-dichloropropane	1.0	ND	ND	22.1	NA	20.0	ND	60.9	60.1	50.0	110.3	NA	79.0	123.0	121.8	120.2	79.0	123.0	1.3	20.0
tetrachloroethene	1.0	ND	ND	22.6	NA	20.0	ND	67.0	64.6	50.0	112.9	NA	80.0	122.0	133.9	129.2	80.0	122.0	3.6	20.0
dibromochloromethane	1.0	ND	ND	22.5	NA	20.0	ND	68.7	66.6	50.0	112.7	NA	81.0	122.0	137.5	133.3	81.0	122.0	3.1	20.0

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37912	Run Date:	3/18/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-172-04	SMPL DF:	5
Matrix:	Soil	BLK FLNM:	8BK00652	SMPL FLNM:	8CC00638	MS DF:	5
Units:	ug/kg	BLK2 FLNM:	8BK00635	MS FLNM:	8CC00639.D	MSD DF:	5
		LCS FLNM:	8LC00636.D	MSD FLNM:	8CC00640.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
1,2-dibromoethane	1.0	ND	ND	22.8	NA	20.0	ND	63.3	62.0	50.0	113.8	NA	79.0	125.0	126.5	124.0	79.0	125.0	2.0	20.0
chlorobenzene	1.0	ND	ND	22.2	NA	20.0	ND	59.7	58.0	50.0	110.8	NA	82.0	124.0	119.4	116.0	82.0	124.0	2.9	20.0
1,1,1,2-tetrachloroethane	1.0	ND	ND	22.8	NA	20.0	ND	64.9	63.5	50.0	113.9	NA	80.0	124.0	129.9	127.0	80.0	124.0	2.3	20.0
ethylbenzene	1.0	ND	ND	22.0	NA	20.0	ND	60.3	58.5	50.0	110.0	NA	78.0	127.0	120.5	117.0	78.0	127.0	3.0	20.0
m+p-xylene	1.0	ND	ND	43.3	NA	40.0	ND	118.8	117.7	100.0	108.4	NA	81.0	124.0	118.8	117.7	81.0	124.0	0.9	20.0
o-xylene	1.0	ND	ND	21.7	NA	20.0	ND	59.9	59.6	50.0	108.3	NA	83.0	124.0	119.9	119.3	83.0	124.0	0.5	20.0
styrene	1.0	ND	ND	22.8	NA	20.0	ND	62.1	61.1	50.0	113.9	NA	80.0	122.0	124.2	122.2	80.0	122.0	1.6	20.0
bromoform	1.0	ND	ND	22.0	NA	20.0	ND	67.0	65.6	50.0	110.0	NA	67.0	134.0	133.9	131.2	67.0	134.0	2.1	20.0
isopropylbenzene	1.0	ND	ND	22.4	NA	20.0	ND	61.3	60.1	50.0	112.0	NA	82.0	124.0	122.5	120.3	82.0	124.0	1.9	20.0
1,1,2,2-tetrachloroethane	1.0	ND	ND	23.6	NA	20.0	ND	59.8	60.6	50.0	117.8	NA	71.0	136.0	119.6	121.2	71.0	136.0	1.3	20.0
1,2,3-trichloropropane	1.0	ND	ND	22.8	NA	20.0	ND	61.4	58.8	50.0	114.2	NA	70.0	139.0	122.8	117.7	70.0	139.0	4.3	20.0
trans-1,4-dichloro-2-butene	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
propyl-benzene	1.0	ND	ND	21.9	NA	20.0	ND	59.7	55.4	50.0	109.5	NA	79.0	124.0	119.3	110.7	79.0	124.0	7.5	20.0
bromobenzene	1.0	ND	ND	21.1	NA	20.0	ND	58.4	54.3	50.0	105.5	NA	80.0	122.0	116.7	108.5	80.0	122.0	7.3	20.0
1,3,5-trimethylbenzene	1.0	ND	ND	22.1	NA	20.0	ND	60.7	56.9	50.0	110.3	NA	82.0	123.0	121.4	113.7	82.0	123.0	6.5	20.0
2-chlorotoluene	1.0	ND	ND	21.3	NA	20.0	ND	56.6	53.6	50.0	106.3	NA	77.0	126.0	113.2	107.1	77.0	126.0	5.5	20.0
4-chlorotoluene	1.0	ND	ND	21.9	NA	20.0	ND	59.5	54.7	50.0	109.5	NA	80.0	124.0	119.0	109.3	80.0	124.0	8.4	20.0
tert-butyl-benzene	1.0	ND	ND	21.5	NA	20.0	ND	60.0	55.4	50.0	107.6	NA	78.0	122.0	120.1	110.8	78.0	122.0	8.0	20.0
1,2,4-trimethylbenzene	1.0	ND	ND	22.5	NA	20.0	ND	61.1	57.4	50.0	112.7	NA	83.0	123.0	122.1	114.8	83.0	123.0	6.2	20.0
sec-butyl-benzene	1.0	ND	ND	22.2	NA	20.0	ND	60.0	55.5	50.0	111.2	NA	80.0	124.0	120.0	110.9	80.0	124.0	7.8	20.0

Notes and Definitions:

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37912	Run Date:	3/18/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-172-04	SMPL DF:	5
Matrix:	Soil	BLK FLNM:	8BK00652	SMPL FLNM:	8CC00638	MS DF:	5
Units:	ug/kg	BLK2 FLNM:	8BK00635	MS FLNM:	8CC00639.D	MSD DF:	5
		LCS FLNM:	8LC00636.D	MSD FLNM:	8CC00640.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
p-isopropyl-toluene	1.0	ND	ND	22.3	NA	20.0	ND	60.3	56.1	50.0	111.6	NA	77.0	124.0	120.5	112.1	77.0	124.0	7.3	20.0
1,3-dichlorobenzene	1.0	ND	ND	21.5	NA	20.0	ND	56.5	51.3	50.0	107.6	NA	82.0	120.0	113.0	102.6	82.0	120.0	9.6	20.0
1,4-dichlorobenzene	1.0	ND	ND	21.2	NA	20.0	ND	54.7	50.7	50.0	106.1	NA	81.0	121.0	109.3	101.3	81.0	121.0	7.6	20.0
n-butyl-benzene	1.0	ND	ND	22.9	NA	20.0	ND	61.0	54.9	50.0	114.7	NA	81.0	125.0	121.9	109.9	81.0	125.0	10.4	20.0
1,2-dichlorobenzene	1.0	ND	ND	21.8	NA	20.0	ND	56.5	52.6	50.0	109.0	NA	84.0	122.0	113.0	105.2	84.0	122.0	7.2	20.0
1,2-dibromo-3-chloropropane	10.0	ND	ND	22.8	NA	20.0	ND	63.2	62.4	50.0	113.9	NA	55.0	155.0	126.4	124.7	55.0	155.0	1.3	20.0
1,2,4-trichlorobenzene	1.0	ND	ND	22.5	NA	20.0	ND	54.3	47.0	50.0	112.3	NA	78.0	124.0	108.6	94.1	78.0	124.0	14.3	20.0
hexachlorobutadiene	1.0	ND	ND	21.6	NA	20.0	ND	53.2	44.9	50.0	108.1	NA	73.0	127.0	106.5	89.8	73.0	127.0	17.0	20.0
napthalene	1.0	ND	ND	23.1	NA	20.0	ND	53.7	49.2	50.0	115.7	NA	56.0	152.0	107.3	98.4	56.0	152.0	8.6	20.0
1,2,3-trichlorobenzene	1.0	ND	ND	22.1	NA	20.0	ND	52.9	46.2	50.0	110.4	NA	76.0	128.0	105.9	92.3	76.0	128.0	13.6	20.0

BLK2 = Second Method Blank
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RDL = Reporting Detection Limit
BLK = Method Blank

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37975	Run Date:	3/19/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-147-04	SMPL DF:	1
Matrix:	Water	BLK FLNM:	6BK06499	SMPL FLNM:	6BF06505	MS DF:	1
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BF06506	MSD DF:	1
		LCS FLNM:	6QC06498	MSD FLNM:	6BF06507		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	10.0	ND	ND	11.7	NA	20.0	ND	9.5	8.7	20.0	58.5	NA	24.0	181.0	47.5	43.8	60.0	140.0	8.6	20.0
chloromethane	10.0	ND	ND	15.6	NA	20.0	ND	12.9	12.7	20.0	78.0	NA	D	204.0	64.5	63.5	D	273.0	1.6	20.0
vinyl chloride	10.0	ND	ND	18.0	NA	20.0	ND	15.2	14.4	20.0	90.0	NA	4.0	196.0	76.0	72.0	D	251.0	5.4	20.0
bromomethane	10.0	ND	ND	21.2	NA	20.0	ND	19.4	17.9	20.0	106.0	NA	14.0	186.0	97.0	89.5	D	242.0	8.0	20.0
chloroethane	10.0	ND	ND	19.6	NA	20.0	ND	16.7	15.9	20.0	98.0	NA	38.0	162.0	83.5	79.5	14.0	230.0	4.9	20.0
trichlorofluoromethane	10.0	ND	ND	19.0	NA	20.0	ND	15.9	14.8	20.0	95.0	NA	48.0	152.0	79.5	74.0	17.0	181.0	7.2	20.0
freon 113	10.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
acetone	10.0	ND	ND	17.7	NA	20.0	ND	17.7	17.4	20.0	88.5	NA	NA	NA	88.5	87.0	70.0	130.0	1.7	20.0
1,1-dichloroethene	5.0	ND	ND	23.3	NA	20.0	ND	16.6	17.0	20.0	116.5	NA	51.0	150.0	83.0	85.0	D	234.0	2.4	20.0
iodomethane	10.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
methylene chloride	5.0	ND	ND	20.8	NA	20.0	ND	18.1	18.1	20.0	104.0	NA	61.0	140.0	90.5	90.5	D	221.0	0.0	20.0
carbon disulfide	5.0	ND	ND	21.6	NA	20.0	ND	16.9	15.9	20.0	108.0	NA	NA	NA	84.5	79.5	70.0	130.0	6.1	20.0
acrylonitrile	100.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
trans-1,2-dichloroethene	5.0	ND	ND	24.0	NA	20.0	ND	17.9	18.2	20.0	120.0	NA	70.0	131.0	89.5	91.0	54.0	156.0	1.7	20.0
vinyl acetate	10.0	ND	ND	10.9	NA	20.0	ND	8.1	8.1	20.0	54.5	NA	50.0	150.0	40.6	40.8	70.0	130.0	0.0	20.0
1,1-dichloroethane	5.0	ND	ND	22.5	NA	20.0	ND	19.0	18.6	20.0	112.5	NA	73.0	128.0	95.0	93.0	59.0	155.0	2.1	20.0
2-butanone	5.0	ND	ND	19.8	NA	20.0	ND	18.5	18.1	20.0	99.0	NA	NA	NA	92.5	90.5	70.0	130.0	2.2	20.0
2,2-dichloropropane	5.0	ND	ND	24.1	NA	20.0	ND	19.1	18.0	20.0	120.5	NA	72.0	123.0	95.5	90.0	60.0	140.0	5.9	20.0
cis-1,2-dichloroethene	5.0	ND	ND	22.5	NA	20.0	ND	19.2	18.6	20.0	112.5	NA	82.0	118.0	96.0	93.0	60.0	140.0	3.2	20.0
chloroform	5.0	ND	ND	21.9	NA	20.0	ND	19.3	18.9	20.0	109.5	NA	68.0	133.0	96.5	94.5	51.0	138.0	2.1	20.0

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37975	Run Date:	3/19/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-147-04	SMPL DF:	1
Matrix:	Water	BLK FLNM:	6BK06499	SMPL FLNM:	6BF06505	MS DF:	1
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BF06506	MSD DF:	1
		LCS FLNM:	6QC06498	MSD FLNM:	6BF06507		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
bromochloromethane	5.0	ND	ND	22.1	NA	20.0	ND	20.9	19.9	20.0	110.5	NA	80.0	120.0	104.5	99.5	60.0	140.0	4.9	20.0
1,1,1-trichloroethane	5.0	ND	ND	22.8	NA	20.0	ND	18.9	18.0	20.0	114.0	NA	75.0	125.0	94.5	90.0	52.0	162.0	4.9	20.0
1,1-dichloropropene	5.0	ND	ND	25.6	NA	20.0	ND	19.9	19.3	20.0	128.0	NA	80.0	120.0	99.5	96.5	60.0	140.0	3.1	20.0
carbon tetrachloride	5.0	ND	ND	23.2	NA	20.0	ND	20.2	18.7	20.0	116.0	NA	73.0	127.0	101.0	93.5	70.0	140.0	7.7	20.0
1,2-dichloroethane	5.0	ND	ND	22.5	NA	20.0	ND	22.7	21.2	20.0	112.5	NA	68.0	132.0	113.5	106.0	49.0	155.0	6.8	20.0
benzene	5.0	ND	ND	22.5	NA	20.0	ND	19.3	18.7	20.0	112.5	NA	64.0	136.0	96.5	93.5	37.0	151.0	3.2	20.0
trichloroethene	5.0	ND	ND	23.1	NA	20.0	ND	19.0	18.4	20.0	115.5	NA	67.0	134.0	95.0	92.0	71.0	157.0	3.2	20.0
1,2-dichloropropane	5.0	ND	ND	22.1	NA	20.0	ND	20.1	19.5	20.0	110.5	NA	34.0	166.0	100.5	97.5	D	210.0	3.0	20.0
bromodichloromethane	5.0	ND	ND	22.9	NA	20.0	ND	22.1	21.2	20.0	114.5	NA	66.0	135.0	110.5	106.0	35.0	155.0	4.2	20.0
dibromomethane	5.0	ND	ND	21.8	NA	20.0	ND	22.9	21.5	20.0	109.0	NA	80.0	120.0	114.5	107.5	60.0	140.0	6.3	20.0
2-chloroethylvinyl-ether	5.0	ND	ND	22.8	NA	20.0	ND	ND	16.0	20.0	114.0	NA	NA	NA	NA	80.0	70.0	130.0	ND	20.0
4-methyl-2-pentanone	10.0	ND	ND	20.7	NA	20.0	ND	18.6	22.6	20.0	103.5	NA	NA	NA	93.0	113.0	70.0	130.0	19.4	20.0
cis-1,3-dichloropropene	5.0	ND	ND	25.1	NA	20.0	ND	23.5	22.6	20.0	125.5	NA	24.0	176.0	117.5	113.0	D	227.0	3.9	20.0
toluene	5.0	ND	ND	22.7	NA	20.0	ND	18.9	20.2	20.0	113.5	NA	75.0	126.0	94.5	101.0	47.0	150.0	6.6	20.0
trans-1,3-dichloropropene	5.0	ND	ND	22.7	NA	20.0	ND	22.0	22.9	20.0	113.5	NA	50.0	150.0	110.0	114.5	17.0	183.0	4.0	20.0
1,1,2-trichloroethane	5.0	ND	ND	20.9	NA	20.0	ND	22.4	22.4	20.0	104.5	NA	71.0	129.0	112.0	112.0	52.0	150.0	0.0	20.0
2-hexanone	10.0	ND	ND	18.4	NA	20.0	ND	20.9	20.1	20.0	92.0	NA	NA	NA	104.5	100.5	70.0	130.0	3.9	20.0
1,3-dichloropropane	5.0	ND	ND	21.6	NA	20.0	ND	22.0	22.8	20.0	108.0	NA	70.0	130.0	110.0	114.0	60.0	140.0	3.6	20.0
tetrachloroethene	5.0	ND	ND	22.1	NA	20.0	ND	17.9	18.9	20.0	110.5	NA	74.0	127.0	89.5	94.5	64.0	148.0	5.4	20.0
dibromochloromethane	5.0	ND	ND	21.7	NA	20.0	ND	22.1	22.9	20.0	108.5	NA	68.0	133.0	110.5	114.5	53.0	149.0	3.6	20.0

Notes and Definitions:

RDL= Reporting Detection Limit
ND= Not Detected
BLK= Method Blank
NA= Not Applicable
BLK2= Second Method Blank
LCS= Laboratory Control Sample
LCS2= Second Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG37975	Run Date:	3/19/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-147-04	SMPL DF:	1
Matrix:	Water	BLK FLNM:	6BK06499	SMPL FLNM:	6BF06505	MS DF:	1
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BF06506	MSD DF:	1
		LCS FLNM:	6QC06498	MSD FLNM:	6BF06507		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
1,2-dibromoethane	5.0	ND	ND	21.8	NA	20.0	ND	22.7	23.3	20.0	109.0	NA	77.0	123.0	113.5	116.5	60.0	140.0	2.6	20.0
chlorobenzene	5.0	ND	ND	21.5	NA	20.0	ND	19.0	20.1	20.0	107.5	NA	66.0	134.0	95.0	100.5	37.0	160.0	5.6	20.0
1,1,1,2-tetrachloroethane	5.0	ND	ND	21.6	NA	20.0	ND	20.3	21.3	20.0	108.0	NA	75.0	121.0	101.5	106.5	60.0	140.0	4.8	20.0
ethylbenzene	5.0	ND	ND	22.0	NA	20.0	ND	18.4	19.5	20.0	110.0	NA	59.0	141.0	92.0	97.5	37.0	162.0	5.8	20.0
m+p-xylene	5.0	ND	ND	44.5	NA	40.0	ND	37.6	39.9	40.0	111.3	NA	76.0	121.0	94.0	99.8	60.0	140.0	5.9	20.0
o-xylene	5.0	ND	ND	22.7	NA	20.0	ND	19.1	20.4	20.0	113.5	NA	78.0	119.0	95.5	102.0	60.0	140.0	6.6	20.0
styrene	5.0	ND	ND	22.6	NA	20.0	ND	20.4	21.7	20.0	113.0	NA	76.0	119.0	102.0	108.5	60.0	140.0	6.2	20.0
bromoform	5.0	ND	ND	20.8	NA	20.0	ND	23.9	23.5	20.0	104.0	NA	71.0	129.0	119.5	117.5	45.0	169.0	1.7	20.0
isopropylbenzene	5.0	ND	ND	24.0	NA	20.0	ND	19.8	20.9	20.0	120.0	NA	70.0	130.0	99.0	104.5	60.0	140.0	5.4	20.0
1,1,2,2-tetrachloroethane	5.0	ND	ND	20.4	NA	20.0	ND	22.1	22.9	20.0	102.0	NA	81.0	140.0	110.5	114.5	48.0	157.0	3.6	20.0
1,2,3-trichloropropane	5.0	ND	ND	21.4	NA	20.0	ND	23.4	24.0	20.0	107.0	NA	78.0	130.0	117.0	120.0	60.0	140.0	2.5	20.0
trans-1,4-dichloro-2-butene	5.0	ND	ND	NA	NA	20.0	NA	NA	NA	20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
propyl-benzene	5.0	ND	ND	23.1	NA	20.0	ND	17.7	19.5	20.0	115.5	NA	70.0	128.0	88.5	97.5	60.0	140.0	9.7	20.0
bromobenzene	5.0	ND	ND	21.3	NA	20.0	ND	18.7	20.6	20.0	106.5	NA	77.0	128.0	93.5	103.0	60.0	140.0	9.7	20.0
1,3,5-trimethylbenzene	5.0	ND	ND	23.3	NA	20.0	ND	18.2	20.4	20.0	116.5	NA	81.0	118.0	91.0	102.0	60.0	140.0	11.4	20.0
2-chlorotoluene	5.0	ND	ND	21.9	NA	20.0	ND	17.7	19.7	20.0	109.5	NA	82.0	126.0	88.5	98.5	60.0	140.0	10.7	20.0
4-chlorotoluene	5.0	ND	ND	22.4	NA	20.0	ND	18.3	20.2	20.0	112.0	NA	74.0	125.0	91.5	101.0	60.0	140.0	9.9	20.0
tert-butyl-benzene	5.0	ND	ND	22.0	NA	20.0	ND	16.6	18.4	20.0	110.0	NA	81.0	122.0	83.0	92.0	60.0	140.0	10.3	20.0
1,2,4-trimethylbenzene	5.0	ND	ND	22.5	NA	20.0	ND	18.3	20.2	20.0	112.5	NA	80.0	118.0	91.5	101.0	60.0	140.0	9.9	20.0
sec-butyl-benzene	5.0	ND	ND	22.8	NA	20.0	ND	17.4	19.1	20.0	114.0	NA	83.0	122.0	87.0	95.5	60.0	140.0	9.3	20.0

Notes and Definitions:

RDL= Reporting Detection Limit
BLK= Method Blank
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LCL= Lower Control Limit
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RPD= Relative Percent Difference

ND= Not Detected
NA= Not Applicable

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:		Run Date:	3/19/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-147-04	SMPL DF:	1
Matrix:	Water	BLK FLNM:	6BK06499	SMPL FLNM:	6BF06505	MS DF:	1
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BF06506	MSD DF:	1
		LCS FLNM:	6QC06498	MSD FLNM:	6BF06507		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
p-isopropyl-toluene	5.0	ND	ND	22.6	NA	20.0	ND	17.4	19.3	20.0	113.0	NA	85.0	122.0	87.0	96.5	60.0	140.0	10.4	20.0
1,3-dichlorobenzene	5.0	ND	ND	21.6	NA	20.0	ND	18.5	20.3	20.0	108.0	NA	73.0	127.0	92.5	101.5	60.0	140.0	9.3	20.0
1,4-dichlorobenzene	5.0	ND	ND	20.7	NA	20.0	ND	18.1	20.0	20.0	103.5	NA	63.0	137.0	90.5	100.0	18.0	190.0	10.0	20.0
n-butyl-benzene	5.0	ND	ND	23.1	NA	20.0	ND	17.7	19.4	20.0	115.5	NA	70.0	130.0	88.5	97.0	60.0	140.0	9.2	20.0
1,2-dichlorobenzene	5.0	ND	ND	21.7	NA	20.0	ND	19.8	21.6	20.0	108.5	NA	63.0	137.0	99.0	108.0	19.0	190.0	8.7	20.0
,2-dibromo-3-chloropropan	5.0	ND	ND	21.1	NA	20.0	ND	23.4	23.9	20.0	105.5	NA	71.0	128.0	117.0	119.5	60.0	140.0	2.1	20.0
1,2,4-trichlorobenzene	5.0	ND	ND	22.1	NA	20.0	ND	19.6	21.4	20.0	110.5	NA	60.0	124.0	98.0	107.0	60.0	140.0	8.8	20.0
hexachlorobutadiene	5.0	ND	ND	21.2	NA	20.0	ND	15.4	17.5	20.0	106.0	NA	70.0	130.0	77.0	87.5	60.0	140.0	12.8	20.0
napthalene	10.0	ND	ND	22.2	NA	20.0	ND	23.0	24.1	20.0	111.0	NA	70.0	161.0	115.0	120.5	60.0	140.0	4.7	20.0
1,2,3-trichlorobenzene	5.0	ND	ND	21.9	NA	20.0	ND	20.7	22.2	20.0	109.5	NA	26.0	171.0	103.5	111.0	60.0	140.0	7.0	20.0

BLK2= Second Method Blank
LCS= Laboratory Control Sample
LCS2= Second Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference

ND= Not Detected
NA= Not Applicable
RDL= Reporting Detection Limit
BLK= Method Blank

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38045	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-281-01	SMPL DF:	10
Matrix:	Water	BLK FLNM:	6BK06522	SMPL FLNM:	6BR06524	MS DF:	10
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BR06525	MSD DF:	10
		LCS FLNM:	6QC06521	MSD FLNM:	6BR06526		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	10.0	ND	ND	10.9	NA	20.0	ND	8.4	7.3	20.0	54.5	NA	24.0	181.0	41.9	36.6	60.0	140.0	13.5	20.0
chloromethane	10.0	ND	ND	15.7	NA	20.0	ND	13.8	13.3	20.0	78.5	NA	D	204.0	69.0	66.5	D	273.0	3.7	20.0
vinyl chloride	10.0	ND	ND	17.2	NA	20.0	ND	14.3	12.7	20.0	86.0	NA	4.0	196.0	71.5	63.5	D	251.0	11.9	20.0
bromomethane	10.0	ND	ND	19.9	NA	20.0	ND	18.2	17.5	20.0	99.5	NA	14.0	186.0	91.0	87.5	D	242.0	3.9	20.0
chloroethane	10.0	ND	ND	18.7	NA	20.0	ND	16.0	15.3	20.0	93.5	NA	38.0	162.0	80.0	76.5	14.0	230.0	4.5	20.0
trichlorofluoromethane	10.0	ND	ND	18.0	NA	20.0	ND	14.4	12.5	20.0	90.0	NA	48.0	152.0	72.0	62.5	17.0	181.0	14.1	20.0
freon 113	10.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
acetone	10.0	ND	ND	17.2	NA	20.0	ND	16.1	16.6	20.0	86.0	NA	NA	NA	80.5	83.0	70.0	130.0	3.1	20.0
1,1-dichloroethene	5.0	ND	ND	22.5	NA	20.0	ND	17.0	15.7	20.0	112.5	NA	51.0	150.0	85.0	78.5	D	234.0	8.0	20.0
iodomethane	10.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
methylene chloride	5.0	ND	ND	20.3	NA	20.0	ND	18.7	18.9	20.0	101.5	NA	61.0	140.0	93.5	94.5	D	221.0	1.1	20.0
carbon disulfide	5.0	ND	ND	20.7	NA	20.0	ND	16.9	15.0	20.0	103.5	NA	NA	NA	84.5	75.0	70.0	130.0	11.9	20.0
acrylonitrile	100.0	ND	ND	NA	NA	20.0	ND	NA	NA	20.0	NA	NA	NA	NA	NA	NA	70.0	130.0	NA	20.0
trans-1,2-dichloroethene	5.0	ND	ND	23.7	NA	20.0	ND	19.1	18.3	20.0	118.5	NA	70.0	131.0	95.5	91.5	54.0	156.0	4.3	20.0
vinyl acetate	10.0	ND	ND	9.4	NA	20.0	ND	8.0	8.3	20.0	47.0	NA	9.0	236.0	40.1	41.5	9.0	236.0	3.6	20.0
1,1-dichloroethane	5.0	ND	ND	21.7	NA	20.0	ND	19.1	18.6	20.0	108.5	NA	82.0	124.0	95.5	93.0	59.0	155.0	2.7	20.0
2-butanone	5.0	ND	ND	20.0	NA	20.0	ND	18.7	19.1	20.0	100.0	NA	NA	NA	93.5	95.5	70.0	130.0	2.1	20.0
2,2-dichloropropane	5.0	ND	ND	23.3	NA	20.0	ND	18.7	17.1	20.0	116.5	NA	72.0	123.0	93.5	85.5	60.0	140.0	8.9	20.0
cis-1,2-dichloroethene	5.0	ND	ND	22.0	NA	20.0	ND	19.5	19.4	20.0	110.0	NA	82.0	118.0	97.5	97.0	60.0	140.0	0.5	20.0
chloroform	5.0	ND	ND	21.2	NA	20.0	ND	22.9	22.4	20.0	106.0	NA	68.0	133.0	114.5	112.0	51.0	138.0	2.2	20.0

Notes and Definitions:

RDL= Reporting Detection Limit
BLK= Method Blank
BLK2= Second Method Blank
LCS= Laboratory Control Sample
LCS2= Second Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference

ND= Not Detected
NA= Not Applicable

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38045	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-281-01	SMPL DF:	10
Matrix:	Water	BLK FLNM:	6BK06522	SMPL FLNM:	6BR06524	MS DF:	10
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BR06525	MSD DF:	10
		LCS FLNM:	6QC06521	MSD FLNM:	6BR06526		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
	RDL	BLK	BLK2	LCS	LCS2	LCS Spike Level	SMPL	MS	MSD	MS Spike Level	LCS	LCS2	LCS LCL	LCS UCL	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
bromochloromethane	5.0	ND	ND	21.1	NA	20.0	ND	20.6	20.8	20.0	105.5	NA	80.0	120.0	103.0	104.0	60.0	140.0	1.0	20.0
1,1,1-trichloroethane	5.0	ND	ND	21.8	NA	20.0	ND	18.1	16.5	20.0	109.0	NA	75.0	125.0	90.5	82.5	52.0	162.0	9.2	20.0
1,1-dichloropropene	5.0	ND	ND	24.9	NA	20.0	ND	19.4	17.6	20.0	124.5	NA	80.0	120.0	97.0	88.0	60.0	140.0	9.7	20.0
carbon tetrachloride	5.0	ND	ND	22.0	NA	20.0	ND	18.4	16.2	20.0	110.0	NA	73.0	127.0	92.0	81.0	70.0	140.0	12.7	20.0
1,2-dichloroethane	5.0	ND	ND	21.4	NA	20.0	ND	21.7	21.5	20.0	107.0	NA	68.0	132.0	108.5	107.5	49.0	155.0	0.9	20.0
benzene	5.0	ND	ND	21.8	NA	20.0	ND	19.0	18.4	20.0	109.0	NA	84.0	136.0	95.0	92.0	37.0	151.0	3.2	20.0
trichloroethene	5.0	ND	ND	22.6	NA	20.0	ND	18.8	17.7	20.0	113.0	NA	87.0	134.0	94.0	88.5	71.0	157.0	6.0	20.0
1,2-dichloropropane	5.0	ND	ND	21.5	NA	20.0	ND	20.0	19.9	20.0	107.5	NA	34.0	166.0	100.0	99.5	D	210.0	0.5	20.0
bromodichloromethane	5.0	ND	ND	22.0	NA	20.0	ND	23.4	23.1	20.0	110.0	NA	66.0	135.0	117.0	115.5	35.0	155.0	1.3	20.0
dibromomethane	5.0	ND	ND	21.0	NA	20.0	ND	21.5	21.5	20.0	105.0	NA	80.0	120.0	107.5	107.5	60.0	140.0	0.0	20.0
2-chloroethylvinyl-ether	5.0	ND	ND	21.8	NA	20.0	ND	8.8	4.7	20.0	109.0	NA	NA	NA	44.2	23.5	70.0	130.0	NA	20.0
4-methyl-2-pentanone	10.0	ND	ND	20.0	NA	20.0	ND	20.2	20.1	20.0	100.0	NA	NA	NA	101.0	100.5	70.0	130.0	0.5	20.0
cis-1,3-dichloropropene	5.0	ND	ND	24.4	NA	20.0	ND	23.1	23.1	20.0	122.0	NA	24.0	176.0	115.5	115.5	D	227.0	0.0	20.0
toluene	5.0	ND	ND	23.7	NA	20.0	ND	20.3	19.8	20.0	118.5	NA	75.0	126.0	101.5	99.0	47.0	150.0	2.5	20.0
trans-1,3-dichloropropene	5.0	ND	ND	23.6	NA	20.0	ND	22.8	23.2	20.0	118.0	NA	50.0	150.0	114.0	116.0	17.0	183.0	1.7	20.0
1,1,2-trichloroethane	5.0	ND	ND	21.8	NA	20.0	ND	21.8	22.0	20.0	109.0	NA	71.0	129.0	109.0	110.0	52.0	150.0	0.9	20.0
2-hexanone	10.0	ND	ND	19.7	NA	20.0	ND	19.1	19.9	20.0	98.5	NA	NA	NA	95.5	99.5	70.0	130.0	4.1	20.0
1,3-dichloropropane	5.0	ND	ND	22.2	NA	20.0	ND	22.2	22.4	20.0	111.0	NA	70.0	130.0	111.0	112.0	60.0	140.0	0.9	20.0
tetrachloroethene	5.0	ND	ND	23.1	NA	20.0	ND	18.6	17.0	20.0	115.5	NA	74.0	127.0	93.0	85.0	64.0	148.0	9.0	20.0
dibromochloromethane	5.0	ND	ND	22.6	NA	20.0	ND	23.3	23.9	20.0	113.0	NA	68.0	133.0	116.5	119.5	53.0	149.0	2.5	20.0

Notes and Definitions:

RDL= Reporting Detection Limit
BLK= Method Blank
BLK2= Second Method Blank
LCS= Laboratory Control Sample
LCS2= Second Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference

ND= Not Detected
NA= Not Applicable

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38045	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-281-01	SMPL DF:	10
Matrix:	Water	BLK FLNM:	6BK06522	SMPL FLNM:	6BR06524	MS DF:	10
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BR06525	MSD DF:	10
		LCS FLNM:	6QC06521	MSD FLNM:	6BR06526		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
1,2-dibromoethane	5.0	ND	ND	23.0	NA	20.0	ND	22.7	23.3	20.0	115.0	NA	77.0	123.0	113.5	116.5	60.0	140.0	2.6	20.0
chlorobenzene	5.0	ND	ND	22.2	NA	20.0	ND	20.2	20.0	20.0	111.0	NA	66.0	134.0	101.0	100.0	37.0	160.0	1.0	20.0
1,1,1,2-tetrachloroethane	5.0	ND	ND	22.5	NA	20.0	ND	21.4	21.2	20.0	112.5	NA	75.0	121.0	107.0	106.0	60.0	140.0	0.9	20.0
ethylbenzene	5.0	ND	ND	22.8	NA	20.0	ND	19.5	18.5	20.0	114.0	NA	59.0	141.0	97.5	92.5	37.0	162.0	5.3	20.0
m+p-xylene	5.0	ND	ND	46.3	NA	40.0	ND	39.9	38.1	40.0	115.8	NA	76.0	121.0	99.8	95.3	60.0	140.0	4.6	20.0
o-xylene	5.0	ND	ND	23.5	NA	20.0	ND	20.7	20.4	20.0	117.5	NA	78.0	119.0	103.5	102.0	60.0	140.0	1.5	20.0
styrene	5.0	ND	ND	23.5	NA	20.0	ND	21.6	21.2	20.0	117.5	NA	76.0	119.0	108.0	106.0	60.0	140.0	1.9	20.0
bromoform	5.0	ND	ND	21.6	NA	20.0	ND	22.7	22.9	20.0	108.0	NA	71.0	129.0	113.5	114.5	45.0	169.0	0.9	20.0
isopropylbenzene	5.0	ND	ND	24.9	NA	20.0	ND	20.8	19.3	20.0	124.5	NA	70.0	130.0	104.0	96.5	60.0	140.0	7.5	20.0
1,1,2,2-tetrachloroethane	5.0	ND	ND	21.7	NA	20.0	ND	21.8	22.0	20.0	108.5	NA	61.0	140.0	109.0	110.0	46.0	157.0	0.9	20.0
1,2,3-trichloropropane	5.0	ND	ND	22.5	NA	20.0	ND	23.1	23.5	20.0	112.5	NA	78.0	130.0	115.5	117.5	60.0	140.0	1.7	20.0
trans-1,4-dichloro-2-butene	5.0	ND	ND	NA	NA	20.0	NA	NA	NA	20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
propyl-benzene	5.0	ND	ND	24.7	NA	20.0	ND	19.6	18.4	20.0	123.5	NA	70.0	128.0	98.0	92.0	60.0	140.0	6.3	20.0
bromobenzene	5.0	ND	ND	22.8	NA	20.0	ND	20.8	20.9	20.0	114.0	NA	77.0	128.0	104.0	104.5	60.0	140.0	0.5	20.0
1,3,5-trimethylbenzene	5.0	ND	ND	24.9	NA	20.0	ND	20.3	19.6	20.0	124.5	NA	81.0	118.0	101.5	98.0	60.0	140.0	3.5	20.0
2-chlorotoluene	5.0	ND	ND	23.5	NA	20.0	ND	19.9	19.9	20.0	117.5	NA	82.0	126.0	99.5	99.5	60.0	140.0	0.0	20.0
4-chlorotoluene	5.0	ND	ND	24.1	NA	20.0	ND	20.6	20.0	20.0	120.5	NA	74.0	125.0	103.0	100.0	60.0	140.0	3.0	20.0
tert-butyl-benzene	5.0	ND	ND	23.8	NA	20.0	ND	18.4	17.4	20.0	119.0	NA	81.0	122.0	92.0	87.0	60.0	140.0	5.6	20.0
1,2,4-trimethylbenzene	5.0	ND	ND	24.2	NA	20.0	ND	20.3	19.8	20.0	121.0	NA	80.0	118.0	101.5	99.0	60.0	140.0	2.5	20.0
sec-butyl-benzene	5.0	ND	ND	24.4	NA	20.0	ND	18.8	17.4	20.0	122.0	NA	83.0	122.0	94.0	87.0	60.0	140.0	7.7	20.0

Notes and Definitions:

RDL= Reporting Detection Limit
ND= Not Detected
BLK= Method Blank
NA= Not Applicable
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MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:		Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260A	Instrument ID:	HPMS_6	SMPL Num:	03-281-01	SMPL DF:	10
Matrix:	Water	BLK FLNM:	6BK06522	SMPL FLNM:	6BR06524	MS DF:	10
Units:	ug/L	BLK2 FLNM:	NA	MS FLNM:	6BR06525	MSD DF:	10
		LCS FLNM:	6QC06521	MSD FLNM:	6BR06526		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%
p-isopropyl-toluene	5.0	ND	ND	24.2	NA	20.0	ND	19.1	17.9	20.0	121.0	NA	85.0	122.0	95.5	89.5	60.0	140.0	6.5	20.0
1,3-dichlorobenzene	5.0	ND	ND	23.1	NA	20.0	ND	20.5	20.5	20.0	115.5	NA	73.0	127.0	102.5	102.5	60.0	140.0	0.0	20.0
1,4-dichlorobenzene	5.0	ND	ND	22.0	NA	20.0	ND	20.0	20.0	20.0	110.0	NA	63.0	137.0	100.0	100.0	18.0	190.0	0.0	20.0
n-butyl-benzene	5.0	ND	ND	24.8	NA	20.0	ND	19.2	17.8	20.0	123.0	NA	70.0	130.0	96.0	89.0	60.0	140.0	7.8	20.0
1,2-dichlorobenzene	5.0	ND	ND	23.3	NA	20.0	ND	21.5	21.7	20.0	116.5	NA	63.0	137.0	107.5	108.5	19.0	190.0	0.9	20.0
,2-dibromo-3-chloropropan	5.0	ND	ND	22.5	NA	20.0	ND	21.9	23.5	20.0	112.5	NA	71.0	128.0	109.5	117.5	60.0	140.0	7.0	20.0
1,2,4-trichlorobenzene	5.0	ND	ND	23.4	NA	20.0	ND	21.2	21.7	20.0	117.0	NA	60.0	124.0	106.0	108.5	60.0	140.0	2.3	20.0
hexachlorobutadiene	5.0	ND	ND	22.2	NA	20.0	ND	17.0	15.8	20.0	111.0	NA	70.0	130.0	85.0	79.0	60.0	140.0	7.3	20.0
napthalene	10.0	ND	ND	23.7	NA	20.0	ND	22.9	23.7	20.0	118.5	NA	70.0	161.0	114.5	118.5	60.0	140.0	3.4	20.0
1,2,3-trichlorobenzene	5.0	ND	ND	23.2	NA	20.0	ND	21.5	22.2	20.0	116.0	NA	26.0	171.0	107.5	111.0	60.0	140.0	3.2	20.0

BLK2= Second Method Blank
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LCS2= Second Laboratory Control Sample
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RDL= Reporting Detection Limit
BLK= Method Blank

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38075	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-264-01	SMPL DF:	1
Matrix:	Soil	BLK FLNM:	8BK00679	SMPL FLNM:	8BR00658	MS DF:	1
Units:	ug/kg	BLK2 FLNM:	NA	MS FLNM:	8BR00659.D	MSD DF:	1
		LCS FLNM:	8LC00682.D	MSD FLNM:	8BR00660.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
dichlorodifluoromethane	1.0	ND	ND	13.9	NA	20.0	ND	24.7	28.7	50.0	69.7	NA	46.0	152.0	49.4	57.5	46.0	152.0	15.0	20.0
chloromethane	1.0	ND	ND	17.9	NA	20.0	ND	32.4	35.2	50.0	89.7	NA	64.0	140.0	64.7	70.3	64.0	140.0	8.3	20.0
vinyl chloride	1.0	ND	ND	22.0	NA	20.0	ND	34.2	39.1	50.0	110.1	NA	70.0	137.0	68.4	78.1	70.0	137.0	13.3	20.0
bromomethane	1.0	ND	ND	23.7	NA	20.0	ND	40.5	42.8	50.0	118.6	NA	62.0	147.0	81.0	85.7	62.0	147.0	5.6	20.0
chloroethane	1.0	ND	ND	24.3	NA	20.0	ND	41.4	45.1	50.0	121.7	NA	69.0	136.0	82.8	90.2	69.0	136.0	8.5	20.0
trichlorofluoromethane	1.0	ND	ND	22.9	NA	20.0	ND	40.9	45.6	50.0	114.4	NA	70.0	134.0	81.9	91.3	70.0	134.0	10.8	20.0
freon 113	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
acetone	NTC	ND	ND	24.5	NA	20.0	ND	49.1	40.9	50.0	122.5	NA	14.0	171.0	98.2	81.9	14.0	171.0	18.1	20.0
1,1-dichloroethene	1.0	ND	ND	28.0	NA	20.0	ND	44.2	49.2	50.0	139.9	NA	70.0	140.0	88.3	98.3	70.0	140.0	10.7	20.0
iodomethane	NTC	ND	ND	28.1	NA	20.0	ND	39.4	44.3	50.0	140.5	NA	50.0	150.0	78.9	88.6	50.0	150.0	11.6	20.0
methylene chloride	1.0	ND	ND	24.4	NA	20.0	ND	47.2	46.5	50.0	122.2	NA	57.0	146.0	94.3	93.0	57.0	146.0	1.4	20.0
carbon disulfide	NTC	ND	ND	25.3	NA	20.0	ND	33.0	39.5	50.0	126.5	NA	69.0	125.0	65.9	78.9	69.0	125.0	18.0	20.0
acrylonitrile	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
trans-1,2-dichloroethene	1.0	ND	ND	29.5	NA	20.0	ND	45.3	48.8	50.0	147.6	NA	75.0	141.0	90.5	97.6	75.0	141.0	7.5	20.0
vinyl acetate	NTC	ND	ND	11.4	NA	20.0	ND	0.0	0.0	50.0	56.8	NA	D	132.0	0.0	0.0	D	132.0	#DIV/0!	20.0
1,1-dichloroethane	1.0	ND	ND	26.3	NA	20.0	ND	50.0	52.0	50.0	131.3	NA	79.0	125.0	99.9	104.0	79.0	125.0	4.0	20.0
2-butanone	NTC	ND	ND	25.4	NA	20.0	ND	51.9	44.0	50.0	127.1	NA	28.0	173.0	103.8	88.0	28.0	173.0	16.5	20.0
2,2-dichloropropane	1.0	ND	ND	26.7	NA	20.0	ND	50.7	54.1	50.0	133.7	NA	69.0	128.0	101.5	108.3	69.0	128.0	6.5	20.0
cis-1,2-dichloroethene	1.0	ND	ND	25.2	NA	20.0	ND	43.5	44.0	50.0	126.2	NA	75.0	125.0	87.0	88.0	75.0	125.0	1.1	20.0
chloroform	1.0	ND	ND	26.2	NA	20.0	ND	49.2	50.1	50.0	130.9	NA	78.0	124.0	98.5	100.1	78.0	124.0	1.6	20.0

Notes and Definitions:

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RPD = Relative Percent Difference

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KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38075	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-264-01	SMPL DF:	1
Matrix:	Soil	BLK FLNM:	8BK00679	SMPL FLNM:	8BR00658	MS DF:	1
Units:	ug/kg	BLK2 FLNM:	NA	MS FLNM:	8BR00659.D	MSD DF:	1
		LCS FLNM:	8LC00682.D	MSD FLNM:	8BR00660.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
bromochloromethane	1.0	ND	ND	26.7	NA	20.0	ND	50.2	47.3	50.0	133.5	NA	78.0	125.0	100.4	94.5	78.0	125.0	6.0	20.0
1,1,1-trichloroethane	1.0	ND	ND	26.5	NA	20.0	ND	49.4	53.9	50.0	132.5	NA	77.0	124.0	98.9	107.8	77.0	124.0	8.6	20.0
1,1-dichloropropene	1.0	ND	ND	28.8	NA	20.0	ND	43.6	47.0	50.0	143.9	NA	85.0	132.0	87.2	93.9	85.0	132.0	7.4	20.0
carbon tetrachloride	1.0	ND	ND	26.3	NA	20.0	ND	48.0	53.1	50.0	131.4	NA	77.0	126.0	95.9	106.1	77.0	126.0	10.1	20.0
1,2-dichloroethane	1.0	ND	ND	25.9	NA	20.0	ND	53.0	49.4	50.0	129.4	NA	75.0	126.0	105.9	98.8	75.0	126.0	6.9	20.0
benzene	1.0	ND	ND	25.7	NA	20.0	ND	45.7	47.2	50.0	128.6	NA	81.0	122.0	91.4	94.4	81.0	122.0	3.3	20.0
trichloroethene	1.0	ND	ND	26.3	NA	20.0	ND	43.7	46.3	50.0	131.5	NA	81.0	123.0	87.5	92.7	81.0	123.0	5.8	20.0
1,2-dichloropropane	1.0	ND	ND	25.8	NA	20.0	ND	50.9	50.8	50.0	128.9	NA	79.0	125.0	101.8	101.7	79.0	125.0	0.1	20.0
bromodichloromethane	1.0	ND	ND	26.7	NA	20.0	ND	52.3	51.7	50.0	133.7	NA	81.0	123.0	104.6	103.5	81.0	123.0	1.0	20.0
dibromomethane	1.0	ND	ND	27.1	NA	20.0	ND	50.7	46.4	50.0	135.5	NA	80.0	126.0	101.3	92.8	80.0	126.0	8.7	20.0
2-chloroethylvinyl-ether	NTC	ND	ND	44.6	NA	20.0	ND	85.3	84.6	50.0	223.0	NA	50.0	151.0	170.6	169.2	50.0	151.0	0.8	20.0
4-methyl-2-pentanone	NTC	ND	ND	28.7	NA	20.0	ND	54.6	47.3	50.0	143.3	NA	38.0	162.0	109.2	94.6	38.0	162.0	14.4	20.0
cis-1,3-dichloropropene	1.0	ND	ND	27.3	NA	20.0	ND	47.0	45.0	50.0	136.6	NA	81.0	124.0	94.0	90.0	81.0	124.0	4.4	20.0
toluene	1.0	ND	ND	24.8	NA	20.0	ND	38.8	40.5	50.0	123.8	NA	80.0	124.0	77.5	81.1	80.0	124.0	4.4	20.0
trans-1,3-dichloropropene	1.0	ND	ND	26.0	NA	20.0	ND	43.6	40.9	50.0	129.8	NA	80.0	122.0	87.1	81.7	80.0	122.0	6.4	20.0
1,1,2-trichloroethane	1.0	ND	ND	25.4	NA	20.0	ND	50.6	47.0	50.0	126.8	NA	79.0	123.0	101.2	93.9	79.0	123.0	7.5	20.0
2-hexanone	NTC	ND	ND	25.7	NA	20.0	ND	40.7	35.6	50.0	128.3	NA	31.0	149.0	81.4	71.2	31.0	149.0	13.3	20.0
1,3-dichloropropane	1.0	ND	ND	24.9	NA	20.0	ND	47.7	44.4	50.0	124.7	NA	79.0	123.0	95.4	88.8	79.0	123.0	7.1	20.0
tetrachloroethene	1.0	ND	ND	25.5	NA	20.0	ND	36.4	39.5	50.0	127.3	NA	80.0	122.0	72.8	78.9	80.0	122.0	8.1	20.0
dibromochloromethane	1.0	ND	ND	25.4	NA	20.0	ND	50.0	47.6	50.0	126.8	NA	81.0	122.0	100.0	95.2	81.0	122.0	5.0	20.0

Notes and Definitions:

RDL = Reporting Detection Limit
BLK = Method Blank
BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
SMPL = Sample Results
MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38075	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-264-01	SMPL DF:	1
Matrix:	Soil	BLK FLNM:	8BK00679	SMPL FLNM:	8BR00658	MS DF:	1
Units:	ug/kg	BLK2 FLNM:	NA	MS FLNM:	8BR00659.D	MSD DF:	1
		LCS FLNM:	8LC00682.D	MSD FLNM:	8BR00660.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
1,2-dibromoethane	1.0	ND	ND	25.9	NA	20.0	ND	47.0	42.6	50.0	129.5	NA	79.0	125.0	93.9	85.3	79.0	125.0	9.7	20.0
chlorobenzene	1.0	ND	ND	25.1	NA	20.0	ND	37.8	38.1	50.0	125.7	NA	82.0	124.0	75.6	76.2	82.0	124.0	0.9	20.0
1,1,1,2-tetrachloroethane	1.0	ND	ND	25.2	NA	20.0	ND	49.0	49.1	50.0	126.0	NA	80.0	124.0	97.9	98.2	80.0	124.0	0.3	20.0
ethylbenzene	1.0	ND	ND	25.0	NA	20.0	ND	37.6	39.0	50.0	125.2	NA	78.0	127.0	75.2	78.0	78.0	127.0	3.7	20.0
m+p-xylene	1.0	ND	ND	50.1	NA	40.0	ND	74.1	77.2	100.0	125.2	NA	81.0	124.0	74.1	77.2	81.0	124.0	4.1	20.0
o-xylene	1.0	ND	ND	25.0	NA	20.0	ND	40.2	41.0	50.0	124.9	NA	83.0	124.0	80.3	82.0	83.0	124.0	2.1	20.0
styrene	1.0	ND	ND	26.1	NA	20.0	ND	39.1	39.0	50.0	130.6	NA	80.0	122.0	78.1	78.0	80.0	122.0	0.1	20.0
bromoform	1.0	ND	ND	25.3	NA	20.0	ND	49.8	45.1	50.0	126.4	NA	67.0	134.0	99.6	90.3	67.0	134.0	9.8	20.0
isopropylbenzene	1.0	ND	ND	25.5	NA	20.0	ND	38.1	39.8	50.0	127.4	NA	82.0	124.0	76.1	79.6	82.0	124.0	4.4	20.0
1,1,2,2-tetrachloroethane	1.0	ND	ND	26.8	NA	20.0	ND	52.2	45.4	50.0	134.1	NA	71.0	136.0	104.4	90.8	71.0	136.0	13.9	20.0
1,2,3-trichloropropane	1.0	ND	ND	26.5	NA	20.0	ND	54.4	47.7	50.0	132.6	NA	70.0	139.0	108.7	95.4	70.0	139.0	13.1	20.0
trans-1,4-dichloro-2-butene	NTC	ND	ND	NA	NA	20.0	ND	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
propyl-benzene	1.0	ND	ND	24.5	NA	20.0	ND	34.4	35.8	50.0	122.5	NA	79.0	124.0	68.7	71.6	79.0	124.0	4.2	20.0
bromobenzene	1.0	ND	ND	23.8	NA	20.0	ND	36.0	35.5	50.0	118.8	NA	80.0	122.0	72.0	71.0	80.0	122.0	1.4	20.0
1,3,5-trimethylbenzene	1.0	ND	ND	24.4	NA	20.0	ND	37.8	38.3	50.0	122.0	NA	82.0	123.0	75.5	76.6	82.0	123.0	1.4	20.0
2-chlorotoluene	1.0	ND	ND	24.5	NA	20.0	ND	35.5	36.4	50.0	122.4	NA	77.0	126.0	71.0	72.8	77.0	126.0	2.4	20.0
4-chlorotoluene	1.0	ND	ND	23.7	NA	20.0	ND	33.7	33.3	50.0	118.5	NA	80.0	124.0	67.4	66.6	80.0	124.0	1.2	20.0
tert-butyl-benzene	1.0	ND	ND	24.0	NA	20.0	ND	36.8	38.6	50.0	119.9	NA	78.0	122.0	73.6	77.1	78.0	122.0	4.6	20.0
1,2,4-trimethylbenzene	1.0	ND	ND	25.2	NA	20.0	ND	38.4	38.5	50.0	126.1	NA	83.0	123.0	76.8	76.9	83.0	123.0	0.1	20.0
sec-butyl-benzene	1.0	ND	ND	24.8	NA	20.0	ND	34.5	36.0	50.0	123.9	NA	80.0	124.0	68.9	71.9	80.0	124.0	4.3	20.0

Notes and Definitions:

RDL = Reporting Detection Limit
BLK = Method Blank
BLK2 = Second Method Blank
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LCS2 = Second Laboratory Control Sample
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LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable

KEMRON ENVIRONMENTAL SERVICES - OVL
VOLATILE QUALITY CONTROL SUMMARY

Workgroup #:	WG38075	Run Date:	3/20/98	LCS2 FLNM:	NA	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS_8	SMPL Num:	03-264-01	SMPL DF:	1
Matrix:	Soil	BLK FLNM:	8BK00679	SMPL FLNM:	8BR00658	MS DF:	1
Units:	ug/kg	BLK2 FLNM:	NA	MS FLNM:	8BR00659.D	MSD DF:	1
		LCS FLNM:	8LC00682.D	MSD FLNM:	8BR00660.D		

		CONCENTRATION, PPB									PERCENT RECOVERY								PERCENT RPD	
						LCS Spike				MS Spike			LCS	LCS			MS	MS	MS	RPD
	RDL	BLK	BLK2	LCS	LCS2	Level	SMPL	MS	MSD	Level	LCS	LCS2	LCL	UCL	MS	MSD	LCL	UCL	RPD	UCL
Target Analytes	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	%	%	%	%	%	%	%	%	%	%
p-isopropyl-toluene	1.0	ND	ND	25.0	NA	20.0	ND	34.5	35.7	50.0	124.9	NA	77.0	124.0	68.9	71.3	77.0	124.0	3.4	20.0
1,3-dichlorobenzene	1.0	ND	ND	24.1	NA	20.0	ND	32.0	31.5	50.0	120.4	NA	82.0	120.0	63.9	63.0	82.0	120.0	1.5	20.0
1,4-dichlorobenzene	1.0	ND	ND	23.5	NA	20.0	ND	31.0	30.3	50.0	117.3	NA	81.0	121.0	61.9	60.6	81.0	121.0	2.2	20.0
n-butyl-benzene	1.0	ND	ND	26.1	NA	20.0	ND	31.2	32.6	50.0	130.5	NA	81.0	125.0	62.3	65.2	81.0	125.0	4.6	20.0
1,2-dichlorobenzene	1.0	ND	ND	24.4	NA	20.0	ND	35.5	33.9	50.0	122.1	NA	84.0	122.0	71.0	67.9	84.0	122.0	4.5	20.0
1,2-dibromo-3-chloropropane	10.0	ND	ND	27.1	NA	20.0	ND	55.1	47.7	50.0	135.3	NA	55.0	155.0	110.2	95.4	55.0	155.0	14.5	20.0
1,2,4-trichlorobenzene	1.0	ND	ND	25.0	NA	20.0	ND	28.9	27.3	50.0	124.9	NA	78.0	124.0	57.9	54.5	78.0	124.0	5.9	20.0
hexachlorobutadiene	1.0	ND	ND	23.7	NA	20.0	ND	24.9	26.3	50.0	118.4	NA	73.0	127.0	49.8	52.6	73.0	127.0	5.5	20.0
napthalene	1.0	ND	ND	26.3	NA	20.0	ND	39.6	34.9	50.0	131.6	NA	56.0	152.0	79.1	69.7	56.0	152.0	12.7	20.0
1,2,3-trichlorobenzene	1.0	ND	ND	23.9	NA	20.0	ND	29.9	28.0	50.0	119.3	NA	76.0	128.0	59.9	56.1	76.0	128.0	6.6	20.0

BLK2 = Second Method Blank
LCS = Laboratory Control Sample
LCS2 = Second Laboratory Control Sample
SMPL = Sample Results
MS/MSD = Matrix Spike / Matrix Spike Duplicate
LCL = Lower Control Limit
UCL = Upper Control Limit
RPD = Relative Percent Difference

ND = Not Detected
NA = Not Applicable
RDL = Reporting Detection Limit
BLK = Method Blank

KEMRON ENVIRONMENTAL SERVICES, INC.

MARIETTA, OH

QUALITY CONTROL / METHOD 8260 SOIL EXTRACTIONS

RUN DATE:	03/20/98	BLK FLNM:	2BK23310	SMPL NAME:	03-172-06
EXTRACT DATE	03/20/98	LCS FLNM:	2QC23309	SMPL DF:	125
INSTRUMENT:	HPMS_2	SHIFT:	AM	FILE NAME:	2CU23311
ANALYST(S):	SLT	WORK GROUP:	WG38044	DUP FLNM:	2CU23312

VOA COMPOUND	PRACTICAL QUANTITATION LIMIT (PQL) ug/Kg	METHOD BLANK ug/Kg	LCS 20 ug/Kg ug/Kg	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/Kg	SAMPLE DUP ug/Kg	PERCENT RPD	ADVISORY LIMITS %
Dichlorodifluoromethane	10	ND	8.6	42.8	D - 132	0.0	0.0	NA	20
Chloromethane	10	ND	11.4	57.0	20-142	0.0	0.0	NA	20
Vinyl chloride	10	ND	6.6	32.8	24-134	0.0	0.0	NA	20
Bromomethane	10	ND	15.6	78.0	13-154	0.0	0.0	NA	20
Chloroethane	10	ND	15.5	77.5	6-155	0.0	0.0	NA	20
Trichlorofluoromethane	10	ND	16.0	80.0	D-151	0.0	0.0	NA	20
1,1-Dichloroethene	5	ND	17.0	85.0	43-126	0.0	0.0	NA	20
Methylene chloride	5	ND	15.1	75.5	32-135	0.0	0.0	NA	20
trans-1,2-Dichloroethene	5	ND	18.0	90.0	52-121	0.0	0.0	NA	20
1,1-Dichloroethane	5	ND	16.6	83.0	63-113	0.0	0.0	NA	20
2,2-Dichloropropane	5	ND	17.3	86.5	59-121	0.0	0.0	NA	20
cis-1,2-Dichloroethene	5	ND	15.9	79.5	60-118	0.0	0.0	NA	20
Bromochloromethane	5	ND	16.0	80.0	61-118	0.0	0.0	NA	20
Chloroform	5	ND	16.9	84.5	69-114	0.0	0.0	NA	20
1,1,1-Trichloroethane	5	ND	17.4	87.0	62-111	0.0	0.0	NA	20
1,1-Dichloropropene	5	ND	18.6	93.0	71-123	0.0	0.0	NA	20
Carbon tetrachloride	5	ND	17.5	87.5	42-126	0.0	0.0	NA	20
1,2-Dichloroethane	5	ND	17.6	88.0	70-124	0.0	0.0	NA	20
Benzene	5	ND	16.0	80.0	66-118	0.0	0.0	NA	20
Trichloroethene	5	ND	17.3	86.5	64-121	38.0	42.4	10.9	20
1,2-Dichloropropane	5	ND	16.3	81.5	67-134	0.0	0.0	NA	20
Bromodichloromethane	5	ND	16.7	83.5	54-128	0.0	0.0	NA	20
Dibromomethane	5	ND	17.1	85.5	68-125	0.0	0.0	NA	20
cis-1,3-Dichloropropene	5	ND	16.9	84.5	56-131	0.0	0.0	NA	20
Toluene	5	ND	16.4	82.0	61-120	0.0	0.0	NA	20
trans-1,3-Dichloropropene	5	ND	16.1	80.5	48-133	0.0	0.0	NA	20
1,1,2-Trichloroethane	5	ND	16.2	81.0	53-136	0.0	0.0	NA	20
1,3-Dichloropropane	5	ND	16.3	81.5	60-118	0.0	0.0	NA	20
Tetrachloroethene	5	ND	16.6	83.0	63-112	0.0	0.0	NA	20
Dibromochloromethane	5	ND	15.2	76.0	53-112	0.0	0.0	NA	20
1,2-Dibromoethane	5	ND	16.6	83.0	62-111	0.0	0.0	NA	20
Chlorobenzene	5	ND	16.7	83.5	66-109	0.0	0.0	NA	20
1,1,1,2-Tetrachloroethane	5	ND	16.0	80.0	50-117	0.0	0.0	NA	20
Ethylbenzene	5	ND	17.0	85.0	52-112	0.0	0.0	NA	20
m + p-Xylene	5	ND	34.1	85.3	62-112	0.0	0.0	NA	20
o-Xylene	5	ND	17.2	86.0	56-111	0.0	0.0	NA	20

KEMRON ENVIRONMENTAL SERVICES, INC.

MARIETTA, OH

QUALITY CONTROL / METHOD 8260 SOIL EXTRACTIONS

RUN DATE:	03/20/98	BLK FLNM:	2BK23310	SMPL NAME:	03-172-08
EXTRACT DATE	03/20/98	LCS FLNM:	2QC23309	SMPL DF:	125
INSTRUMENT:	HPMS_2	SHIFT:	AM	FILE NAME:	2CU23311
ANALYST(S):	SLT	WORK GROUP:	WG38044	DUP FLNM:	2CU23312

VOA COMPOUND	PRACTICAL QUANTITATION LIMIT (PQL) ug/Kg	METHOD BLANK ug/Kg	LCS 20 ug/Kg ug/Kg	LCS PERCENT RECOVERY %	CONTROL LIMITS %REC	SAMPLE RESULT ug/Kg	SAMPLE DUP ug/Kg	PERCENT RPD	ADVISORY LIMITS %
Isopropylbenzene	5	ND	17.2	86.0	67-133	0.0	0.0	NA	20
Bromoform	5	ND	15.9	79.5	47-129	0.0	0.0	NA	20
1,1,2,2-Tetrachloroethane	5	ND	16.4	82.0	64-139	0.0	0.0	NA	20
1,2,3-Trichloropropane	5	ND	18.0	90.0	72-138	0.0	0.0	NA	20
propyl-benzene	5	ND	16.2	81.0	67-118	0.0	0.0	NA	20
Bromobenzene	5	ND	15.9	79.5	61-120	0.0	0.0	NA	20
1,3,5-Trimethylbenzene	5	ND	15.9	79.5	71-114	0.0	0.0	NA	20
2-Chlorotoluene	5	ND	15.5	77.5	67-121	0.0	0.0	NA	20
4-Chlorotoluene	5	ND	17.2	86.0	58-130	0.0	0.0	NA	20
tert-butyl-benzene	5	ND	16.1	80.5	72-114	0.0	0.0	NA	20
1,2,4-Trimethylbenzene	5	ND	16.6	83.0	73-115	0.0	0.0	NA	20.0
sec-butyl-benzene	5	ND	16.3	81.5	75-115	0.0	0.0	NA	20
p-isopropyl-toluene	5	ND	15.9	79.5	77-117	0.0	0.0	NA	20
1,3-Dichlorobenzene	5	ND	16.5	82.5	69-118	0.0	0.0	NA	20
1,4-Dichlorobenzene	5	ND	16.5	82.5	65-122	0.0	0.0	NA	20
n-butyl-benzene	5	ND	16.9	84.5	73-119	0.0	0.0	NA	20
1,2-Dichlorobenzene	5	ND	16.8	84.0	65-124	0.0	0.0	NA	20
1,2-dibromo-3-chloropropane	5	ND	16.6	83.0	55-141	0.0	0.0	NA	20
1,2,4-Trichlorobenzene	5	ND	16.7	83.5	68-118	0.0	0.0	NA	20
Hexachlorobutadiene	5	ND	16.7	83.5	75-143	0.0	0.0	NA	20
Naphthalene	10	ND	17.6	88.0	55-144	0.0	0.0	NA	20
1,2,3-Trichlorobenzene	5	ND	17.3	86.5	64-119	0.0	0.0	NA	20
Styrene	5	ND	17.1	85.5	60-140	0.0	0.0	NA	20
Acetone	100	ND	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NA	ND	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	ND	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	5	ND	NA	NA	NA	NA	NA	NA	NA
2-Butanone	100	ND	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	10	ND	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	10	ND	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	10	ND	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	10	ND	NA	NA	NA	NA	NA	NA	NA

CHRYSLER CORPORATION

Chain-of-Custody

00925 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: 1-800-833-5097 Fax Number: (919) 379-4050	Project Name: Dayton Thermal, Building 40B Site Location: Dayton, OH Site Code: SC001 RFA Number: YGQP4800208-T Chrysler PM: Gary Stanczuk	Consultant: Leggette, Brashears & Graham, Inc. Address: 1210 W. County Rd E, Suite 700 St Paul, MN 55112 Consultant PM: Ken Vogel Phone: (612) 490-1405 Fax: -1006

Turn-around Time Request:
24 calendar hrs.
48 calendar hrs.
10 days
28 days

Data Package Deliverables: (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify):

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S - Soil
SW - Surface Water
GW - Groundwater
A - Air
Sed. - Sediment
O - Other (specify)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 - TCL - GC/MS - 4oz wm jars	VOC 8260 - TCL - GC/MS - TCLP - 4oz wm	VOC 8260 GC/MS 40ml VOA vials							Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
FB030698-208B	3/6/98	1600	G	O	2			✓											Begin SDG 208-B
FB030948-208B	3/9/98	1800	G	O	2			✓											
TB 030998-208B	3/9/98	—	—	O	1			✓											
VMP-1 (1-3')	3/6/98	0650	G	S	2	✓	✓												
VMP-5 (5-7')	3/6/98	1500	G	S	2	✓	✓												
AMP-5 (1-3')	3/9/98	1520	G	S	2	✓	✓												END SDG 208-B

Sampler(s) Kai Hansen

Cooler ID # 32

Is RFA sampling complete? Yes No

Bottles Reliquished under Airbill No. 4287 4953 9751

Samples Relinquished under Airbill No. 8024953333

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Kai Hansen	3-9-98	2000				Yes No
						Yes No
			Received for Laboratory by: Brenda Gregory	3/10/98	1020	Yes No

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow : Retained by laboratory Pink: Retained by sampler

C of C Sealed
Sb intact
Cooler Temp 30 (bag)

Revision No. 1
Created. September 23, 1997

WORK ORD. #: L9803172 Client: Compu Chem SAMPLE #: 1-6 PAGE: 1

SAMPLE #	TESTS	REASON	REMOVED BY (ADT)	REMOVED FROM	MOVED TO	RELIQ. BY	RET'D BY (ADT)	RET'D TO	REC'D BY	REASON
4-6	8260	Anal	REF 3/12/98 @ 1535	V-1	VOA	Big	ArS 3/25/98 945	Archive	Big	Archive
1-3	8260(w)	Anal	REF 3/12/98 @ 1545	V-1	VOA	Big	ArS 3/25/98 945	Archive	Big	Archive
4-6	PCT-S	Anal	DLN 3/23/98 (0945)	Voa	Wet	ArS				

* Removed a portion from samples in Voa and took to wet. DLN 3/23/98 (0945)

EPA Region 5 Records Ctr
349975

April 98
Bldg 40B
Soil Qual
TB-13 thru
TB-19

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary, NC 27513

FAX COVER SHEET

Date 4/20/98

To Ken Vogel
LBG

Fax 612-490-1006

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RE RFA 208 - Dayton Thermal
SDG 208C

Number of pages including the cover sheet 36

Message

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Attention Cathy Dover

PO Number
Account Number COMPUCHEM 529

Login # L9804188
Report Date 04/20/98
Work ID DAYTON THERMAL BUILDING 40B
Date Received 04/08/98

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9804188-01	FB040698	L9804188-02	TB040698
L9804188-03	TB-13 (5-7)	L9804188-04	TB-14 (3-5)
L9804188-05	TB 15 (3 5)	L9804188-06	TB-16 (5 7)
L9804188-07	TB-17 (5 7)	L9804188-08	TB-17 (5-7)FIELD DUP
L9804188-09	TB 18 (3 5)	L9804188-10	TB 19 (1)
L9804188-11	TB 19 (3 5)	L9804188-12	TB 20 (3 5)/MS
L9804188-13	TB 9 (3 5)/MSD	L9804188-14	FB040798

SDG 208 C

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
David L Bumgarner

Login #L9804_66
April 20 1998 11 04 am

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP Volatile Organics

Lab Sample ID: L9804186-01
Client Sample ID FB040698
Site/Work ID DAYTON THERMAL BUILDING 4CB
Matrix Water

Dil Type N/A
COC Info N/A
Date Collected 04/06/98

Sample Weight N/A
Extract Volume N/A
% Solid N/A

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 18 44

Instrument HPMS2
Analyst SLT
Lab File ID 2CU13703

Method 8260A
Run ID R44930

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108-86 1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74 83-9	Bromomethane	ug/L		ND	10	1
78 93-3	2 Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135 96-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
55 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	100	1
124 48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
57 66-3	Chloroform	ug/L		ND	5 0	1
74 87-3	Chloromethane	ug/L		ND	10	1
95 49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2 Dibromo-3 chloropropane	ug/L		ND	5 0	1
106 93 4	1,2 Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
9 -50 1	1 2 Dichlorobenzene	ug/L		ND	600	1
54 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	75	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	0	1
07-06 2	1 2 Dichloroethane	ug/L		ND	5 0	1
75 35-4	1,1 Dichloroethene	ug/L		ND	7 0	
156-59 2	cis-1 2 Dichloroethene	ug/L		ND	70	1
156-60 5	trans 1 2-Dichloroethene	ug/L		ND	100	1
78 87-5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28-9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2 Dichloropropane	ug/L		ND	0	
1006 01-5	cis 1 3 Dichloropropene	ug/L		ND	0	
10061 02 6	trans 1 3 Dichloropropene	ug/L		ND	0	
563 58 6	1 1 Dichloropropene	ug/L		ND	5 0	

Login #L9804188
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Product 826 VAP - Volatile Organics

Lab Sample ID	L9804188-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB040698	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 409				
Matrix	Water	Date Collected	04/06/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS2	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R44930
Analysis Date	04/15/98 Time 18 44	Lab File ID	2CU23700		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	700	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99 87-5	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4-Methyl 2-pentanone	ug/L		ND	10	1
75-09-2	Dichloromethane	ug/L		ND	5 0	1
9_ 20 3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100-42 5	Styrene	ug/L		ND	100	1
630-20 6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L		ND	1000	1
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	70	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	200	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-0_-6	Trichloroethene	ug/L		ND	5 0	1
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2 3 Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67-8	1,3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330 20 7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	102	(86 - 118%)
1 2 Dichloroethane d4	107	(80 - 120%)
Toluene d8	100	(88 110%)
4-Bromofluorobenzene	101	(86 115%)

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Product: 826-VAP Volatile Organics

Lab Sample ID L9804188-02
Client Sample ID TB040698
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Water

Dil Type N/A
COC Info N/A
Date Collected: 04/05/98

Sample Weight N/A
Extract Volume N/A
% Solid: N/A

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 19 2_

Instrument KFMS2
Analyst SLT
Lab File ID 2CU2[illegible]

Method 8260A
Run ID R44910

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	100	1
71 43 [illegible]	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78-93 3	2 Butanone	ug/L		ND	100	1
104-51-8	n Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	100	1
124 48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110-75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67-66 3	Chloroform	ug/L		ND	5 0	1
74 87-3	Chloromethane	ug/L		ND	0	1
95 49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2 Dibromo 3-chloropropane	ug/L		ND	5 0	1
106 93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	600	1
541 73-1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1,4 Dichlorobenzene	ug/L		ND	75	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1 Dichloroethane	ug/L		ND	5 0	1
107 06-2	1 2 Dichloroethane	ug/L		ND	5 0	1
75 35-4	1,1 Dichloroethene	ug/L		ND	7 0	1
156-59 2	cis 1 2 Dichloroethene	ug/L		ND	70	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	100	1
76-87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3 Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	

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KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP Volatile Organics

Lab Sample ID: L9804188-02
Client Sample ID TB040698
Site/Work ID DAYTON THERMAL BUILDING 408
Matrix Water

Dil Type N/A
COC Info N/A
Date Collected 04/06/98

Sample Weight N/A
Extract Volume N/A
% Solid N/A

TCLP Extrac Date N/A
Extrac Date N/A
Analysis Date 04/15/98 Time 19 21

Instrument HPMS2
Analyst SLI
Lab File ID 2CU21701

Method 8260A
Run ID R44910

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	700	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108-10 1	4 Methyl 2-pentanone	ug/L		ND	10	1
75-09 2	Dichloromethane	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	100	1
630-20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2 Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L		ND	5 0	1
108 88-3	Toluene	ug/L		ND	1000	1
87-61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4 Trichlorobenzene	ug/L		ND	70	1
71 55-6	1 1 1 Trichloroethane	ug/L		ND	200	1
79 00 5	1 1 2 Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L		ND	5 0	1
75 69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
1330 20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	102	(86 118%)
1 2 Dichloroethane d4	110	(86 - 120%)
Toluene d6	97 1	(86 - 110%)
4-Bromofluorobenzene	96 5	(86 115%)

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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188 03
Client Sample ID TB 13 (5 7)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected 04/06/98 1600

% Solid 96
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	96		1 0	-	N/A	MEL	04/16/98	14 05	D2216 90

Product: 8260 - Volatile Organics

Lab Sample ID L9804188-03
Client Sample ID TB 13 (5-7)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/06/98

Sample Weight N/A
Extract Volume N/A
% Solid 96

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 00 37

Instrument HPMS6
Analyst SLT
Lab File ID 5CU07086

Method 8260A
Run ID R45C28

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/kg		ND	100	-
71-43 2	Benzene	ug/kg		ND	5 2	-
108-86-1	Bromobenzene	ug/kg		ND	5 2	1
74-97-5	Bromochloromethane	ug/kg		ND	5 2	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 2	1
75 25-2	Bromoform	ug/kg		ND	5 2	1
74 83-9	Bromomethane	ug/kg		ND	10	1
78 93 3	2-Butanone	ug/kg		ND	60	1
104 51 8	n Butylbenzene	ug/kg		ND	5 2	1
135 98-8	sec Butylbenzene	ug/kg		ND	5 2	1
98 06-6	tert Butylbenzene	ug/kg		ND	5 2	1
75 15-0	Carbon disulfide	ug/kg		ND	5 2	1
56 23 5	Carbon tetrachloride	ug/kg		ND	5 2	1
108 90 7	Chlorobenzene	ug/kg		ND	5 2	1
124-48 1	Chlorodibromomethane	ug/kg		ND	5 2	1
75-00-3	Chloroethane	ug/kg		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/kg		ND	10	1
67 66 3	Chloroform	ug/kg		ND	5	1
74 87 3	Chloromethane	ug/kg		ND	10	1
9 49 8	2 Chlorotoluene	ug/kg		ND	5	1
106 43 4	4 Chlorotoluene	ug/kg		ND	5 2	1
96-12-8	1 Dibromo 3 chloropropane	ug/kg		ND	5 2	1
106-93 4	1 2-Dibromoethane	ug/kg		ND	5 2	1
74 95-	Dibromomethane	ug/kg		ND	5 2	1

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188 03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB 13 (5 7')	COC Info:	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 4GB				
Matrix	Soil	Date Collected	06/06/98	% Solid	96
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45028
Analysis Date	04/15/98 Time 00 37	Lab File ID:	6CU07086		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95 50 1	1 2-Dichlorobenzene	ug/kg		ND	5 2	1
541 73 1	1 3-Dichlorobenzene	ug/kg		ND	2	1
106-46 7	1 4-Dichlorobenzene	ug/kg		ND	5 2	1
75-71 8	Dichlorodifluoromethane	ug/kg		ND	10	1
75-34 3	1 1 Dichloroethane	ug/kg		ND	5 2	1
107-06 2	1 2 Dichloroethane	ug/kg		ND	5 2	1
75-35 4	1 1 Dichloroethene	ug/kg		ND	5 2	1
156 59 2	cis-1 2-Dichloroethene	ug/kg	81	D	5 2	-
156-60 5	trans 1 2-Dichloroethene	ug/kg	5 2		5 2	-
78-87-5	2-Dichloropropane	ug/kg		ND	5 2	
142 28-9	1 3 Dichloropropane	ug/kg		ND	5 2	1
594 20-7	2 2 Dichloropropane	ug/kg		ND	5 2	1
10061 01-5	cis 1 3 Dichloropropene	ug/kg		ND	5 2	1
10061 02-6	trans-1 3 Dichloropropene	ug/kg		ND	5 2	1
563 58-6	1 1-Dichloropropene	ug/kg		ND	5 2	1
100 41 4	Ethylbenzene	ug/kg		ND	5 2	1
591-78-6	2 Hexanone	ug/kg		ND	10	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	5 2	1
98 82-8	Isopropylbenzene	ug/kg		ND	5 2	1
99 87-6	p-Isopropyltoluene	ug/kg		ND	5 2	1
108-10 1	4-Methyl 2-pentanone	ug/kg		ND	10	1
75 09-2	Methylene chloride	ug/kg		ND	5 2	1
91 20-3	Naphthalene	ug/kg		ND	10	1
103 65 1	n Propylbenzene	ug/kg		ND	5 2	1
100 42-5	Styrene	ug/kg		ND	5 2	1
630 20 6	1 1 1 2 Tetrachloroethane	ug/kg		ND	5 2	-
79 34 5	1 1 2 2 Tetrachloroethane	ug/kg		ND	5 [illegible]	1
127 18 4	Tetrachloroethene	ug/kg	92	D	5 [illegible]	1
108 88 3	Toluene	ug/kg		ND	5 [illegible]	1
87 61 6	1 2 3-Trichlorobenzene	ug/kg		ND	5 [illegible]	1
120-82	1 2 4-Trichlorobenzene	ug/kg		ND	[illegible]	1
71-55 6	1 1 1 Trichloroethane	ug/kg		ND	[illegible]	1
79-00-5	1 2-Trichloroethane	ug/kg		ND	5 2	1
79 01 6	Trichloroethene	ug/kg	51		5 2	1
75 69 4	Trichlorofluoromethane	ug/kg		ND	10	1
96 18 4	1 2 3-Trichloropropane	ug/kg		ND	5 2	1
95 63 6	1 2 4 Trimethylbenzene	ug/kg		ND	5 2	1
108 67 8	1 3 5 Trimethylbenzene	ug/kg		ND	5 2	1
108 05-4	Vinyl acetate	ug/kg		ND	10	1

Logan #L9804.86
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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804183-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB 3 (5 7)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/06/98	% Solid	96
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R4s028
Analysis Date	04/15/98 Time 09 57	Lab File ID	6CU9-086		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	10	1
95-47 6	o Xylene	ug/kg		ND	5 2	1
108-38 3	m Xylene	ug/kg		ND	5 2	1
106-42 3	p Xylene	ug/kg		ND	5 2	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	9? 7		(80	120%
1 2-Dichloroethane d4	89 1		(80	120%
Toluene d8	91 6		81	117%
4 Bromofluorobenzene	6: 8	*,RE	74	121%

Lab Sample ID	L9804.88-04	Matrix Soil	% Solid 9
Client Sample ID	TB 14 (3 5)	Collected 04/06/98 _?15	COC Info N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B		

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	97		1 0	1	N/A	MZL	04/16/98	14 05	D2216 90

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188 04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID:	TB 14 (3 5)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/06/98	% Solid	97
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8250A
Extract Date	N/A	Analyst	SLT	Run ID	R45035
Analysis Date	04/15/98 Time 18 -	Lab File ID	6CU07104		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/kg		ND	100	1
71 43-2	Benzene	ug/kg		ND	5 2	1
108 86 1	Bromobenzene	ug/kg		ND	5 2	1
74 97 5	Bromochloromethane	ug/kg		ND	5 2	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 2	1
75-25 2	Bromoform	ug/kg		ND	5 2	1
74-83 9	Bromomethane	ug/kg		ND	10	1
78-93 3	2-Butanone	ug/kg		ND	100	1
104-51 8	n Butylbenzene	ug/kg		ND	5 2	1
135-98 8	sec-Butylbenzene	ug/kg		ND	5 2	1
98-06 6	tert-Butylbenzene	ug/kg		ND	5 2	1
75-15 0	Carbon disulfide	ug/kg		ND	5 2	1
56 23 5	Carbon tetrachloride	ug/kg		ND	5 2	1
108-90 7	Chlorobenzene	ug/kg		ND	5 2	1
124-48 1	Chlorodibromomethane	ug/kg		ND	5 2	1
75-00 3	Chloroethane	ug/kg		ND	10	1
110-75 8	2 Chloroethyl vinyl ether	ug/kg		ND	10	
67-66 3	Chloroform	ug/kg		ND	5 2	
74-87 3	Chloromethane	ug/kg		ND	10	
95-49 8	2 Chlorotoluene	ug/kg		ND	5 2	1
106-43 4	4-Chlorotoluene	ug/kg		ND	5 2	1
96-12 8	1 2-Dibromo 3-chloropropane	ug/kg		ND	5 2	1
106-93 4	1,2-Dibromoethane	ug/kg		ND	5 2	1
74 95-3	Dibromomethane	ug/kg		ND	5 2	1
95 50 1	1 2 Dichlorobenzene	ug/kg		ND	5 2	1
541 73-1	1 3 Dichlorobenzene	ug/kg		ND	5 2	1
106 46-7	1 4-Dichlorobenzene	ug/kg		ND	5 2	1
75 71 8	Dichlorodifluoromethane	ug/kg		ND	10	1
75 34 3	1 1-Dichloroethane	ug/kg		ND	5 2	1
107 06 2	1 2-Dichloroethane	ug/kg		ND	5 2	1
75 35-4	1,1-Dichloroethene	ug/kg		ND	5 2	1
155 59-2	cis 1 2-Dichloroethene	ug/kg		ND	5 2	1
156 60-5	trans-1 2 Dichloroethene	ug/kg		ND	5 2	1
78 87-5	1 2 Dichloropropane	ug/kg		ND	5 2	1
142 28 9	1 3 Dichloropropane	ug/kg		ND	5 2	1
594 20 7	2,2 Dichloropropane	ug/kg		ND	5 2	1
10061 01 5	cis-1 3-Dichloropropene	ug/kg		ND	5 2	1
10061 02 6	trans-1 3 Dichloropropene	ug/kg		ND	5 2	1
563 58-6	1 1 Dichloropropene	ug/kg		ND	5 2	1

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product 8260 Volatile Organics

Lab Sample ID	L9804188 04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB-14 (3 5)	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 408				
Matrix	Soil	Date Collected	04/06/96	% Solid:	97
TCLP Extract Date	N/A	Instrument	KPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45035
Analysis Date	04/15/98 Time 16:23	Lab File ID	6CC07104		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 4 4	Ethylbenzene	ug/kg		ND	5 2	1
591 78-6	2 Hexanone	ug/kg		ND	10	1
87-68 3	Hexachlorobutadiene	ug/kg		ND	5 2	1
98-82-8	Isopropylbenzene	ug/kg		ND	5 2	1
99-87 6	p-Isopropyltoluene	ug/kg		ND	5 2	1
108-10 1	4-Methyl-2-pentanone	ug/kg		ND	10	1
75-09-2	Methylene chloride	ug/kg		ND	5 2	1
91-20-3	Naphthalene	ug/kg		ND	10	1
103-65 1	n Propylbenzene	ug/kg		ND	5 2	1
100-42-5	Styrene	ug/kg		ND	5 2	1
630 20-6	1 1 1 2 Tetrachloroethane	ug/kg		ND	5 2	1
79 34-5	1 1 2 2 Tetrachloroethane	ug/kg		ND	5 2	1
127 18-4	Tetrachloroethene	ug/kg	7 2		5 2	1
108 88 3	Toluene	ug/kg		ND	5 2	1
87 61-6	1 2 3 Trichlorobenzene	ug/kg		ND	5 2	1
120 82 1	1 2 4 Trichlorobenzene	ug/kg		ND	5 2	1
71 55 6	1 1 1 Trichloroethane	ug/kg		ND	5 2	1
79 00 5	1 1 2 Trichloroethane	ug/kg		ND	5 2	1
79 01 6	Trichloroethene	ug/kg		ND	5 2	1
75 69 4	Trichlorofluoromethane	ug/kg		ND	10	1
96 18-4	1 2 3 Trichloropropane	ug/kg		ND	5 2	1
95 63-6	1 2 4 Trimethylbenzene	ug/kg		ND	5 2	1
108 67-8	1 3 5 Trimethylbenzene	ug/kg		ND	5 2	1
108 05-4	Vinyl acetate	ug/kg		ND	10	1
75 01-4	Vinyl chloride	ug/kg		ND	10	1
95 47-6	o Xylene	ug/kg		ND	5 2	1
108 38-3	m-Xylene	ug/kg		ND	5 2	1
106 42-3	p-Xylene	ug/kg		ND	5 2	1

SURROGATES In Percent Recovery:

Dibromofluoromethane	118	(80 - 120%)
1 2 Dichloroethane-d4	118	(80 120%)
Toluene-d8	115	(81 117%)
4-Bromofluorobenzene	107	(74 121%)

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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188-05
Client Sample ID TB 15 (3-5)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected 04/07/98 8300

% Solid 85
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	85		1 0	1	N/A	MZL	04/16/98	14 05	D2216-90

Product: 8260 - Volatile Organics

Lab Sample ID: L9804188-05
Client Sample ID TB 15 (3-5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 85

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 18 56

Instrument KPMS6
Analyst SLT
Lab File ID 6CD071C5

Method 8260A
Run ID R4503

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/kg		ND	120	1
71 43-2	Benzene	ug/kg		ND	5 9	1
108 86-1	Bromobenzene	ug/kg		ND	5 9	1
74 97-5	Bromochloromethane	ug/kg		ND	5 9	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 9	1
75 25-2	Bromoform	ug/kg		ND	5 9	1
74 83-9	Bromomethane	ug/kg		ND	12	1
78 93-3	2 Butanone	ug/kg		ND	120	1
104 51 8	n-Butylbenzene	ug/kg		ND	5 9	1
135 98 8	sec-Butylbenzene	ug/kg		ND	5 9	1
98 06 6	tert Butylbenzene	ug/kg		ND	5 9	1
75 15 0	Carbon disulfide	ug/kg		ND	5 9	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 9	1
108 90-7	Chlorobenzene	ug/kg		ND	5 9	1
124 48-1	Chlorodibromomethane	ug/kg		ND	5 9	1
75 00 3	Chloroethane	ug/kg		ND	12	1
110 75-8	2 Chloroethyl vinyl ether	ug/kg		ND	12	1
67 66-3	Chloroform	ug/kg		ND	5 9	1
74 87-3	Chloromethane	ug/kg		ND	12	1
95 49 8	2-Chlorotoluene	ug/kg		ND	5 9	1
106-43 4	4 Chlorotoluene	ug/kg		ND	5 9	1
96 12 8	1 2 Dibromo 3 chloropropane	ug/kg		ND	5 9	1
106 93 4	1 2 Dibromoethane	ug/kg		ND	5 9	1
74 95 3	Dibromomethane	ug/kg		ND	5 9	1

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KEMRON ENVIRONMENTAL SERVICES

Product 8260 Volatile Organics

Lab Sample ID L9804188-05
Client Sample ID TB 25 (3-5)
Site/Work ID: DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A

Sample Weight: N/A
Extract Volume N/A

Date Collected 04/07/98

% Solid 85

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 18 56

Instrument HPMS6
Analyst BLT
Lab File ID 6CU07105

Method 8260A
Run ID 345035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50 1	1 2-Dichlorobenzene	ug/kg		ND	5 9	
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	5 9	
106-46 7	1,4-Dichlorobenzene	ug/kg		ND	5 9	1
75-71-8	Dichlorodifluoromethane	ug/kg		ND	12	1
75-34 3	1 1-Dichloroethane	ug/kg		ND	5 9	1
107-06 2	1 2-Dichloroethane	ug/kg		ND	5 9	1
75 35 4	1,1-Dichloroethene	ug/kg		ND	9	1
156-59 2	cis-1 2 Dichloroethene	ug/kg		ND	5 9	1
156-60 5	trans 1,2-Dichloroethene	ug/kg		ND	5 9	1
78-87 5	1 2-Dichloropropane	ug/kg		ND	5 9	1
142-28-9	1 3-Dichloropropane	ug/kg		ND	5 9	1
594-20 7	2 2-Dichloropropane	ug/kg		ND	5 9	1
10061 01 5	cis 1 3-Dichloropropene	ug/kg		ND	5 9	1
10061 02-6	trans 1,3 Dichloropropene	ug/kg		ND	5 9	1
563 58-6	1 1-D chloropropene	ug/kg		ND	5 9	1
100 41 4	Ethylbenzene	ug/kg		ND	5 9	1
591 78-6	2-Hexanone	ug/kg		ND	12	1
87 68-3	Hexachlorobutadiene	ug/kg		ND	5 9	1
98 82 8	Isopropylbenzene	ug/kg		ND	5 9	
99 87 6	p Isopropyltoluene	ug/kg		ND	5 9	1
108 10-1	4-Methyl-2-pentanone	ug/kg		ND	12	1
75-09-2	Methylene chloride	ug/kg		ND	5 9	1
91-20-3	Naphthalene	ug/kg		ND	12	1
103 65-1	n Propylbenzene	ug/kg		ND	5 9	1
100 42-5	Styrene	ug/kg		ND	5 9	1
630 20-6	1 1 1 2 Tetra chloroethane	ug/kg		ND	5 9	1
79 34-5	1 1 2 2 Tetrachloroethane	ug/kg		ND	5 9	1
127 18-4	Tetrachloroethene	ug/kg		ND	5 9	1
108 88 3	Toluene	ug/kg		ND	5 9	1
87 61-6	1 2 3-Trichlorobenzene	ug/kg		ND	5 9	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	5 9	1
71 55-6	1 1 1 Trichloroethane	ug/kg		ND	5 9	1
79 00-5	1 1 2-Trichloroethane	ug/kg		ND	5 9	1
79 01 6	Trichloroethene	ug/kg		ND	5 9	1
75 69 4	Trichlorofluoromethane	ug/kg		ND	12	1
96 18 4	1 2 3 Tr chloropropane	ug/kg		ND	5 9	1
95-63 6	1 2 4 Trimethylbenzene	ug/kg		ND	5 9	1
108-67 8	1 3 5 Trimethylbenzene	ug/kg		ND	5 9	1
108-05 4	Vinyl acetate	ug/kg		ND	12	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804188 05
Client Sample ID TB 35 (3 5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 85

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 18 56

Instrument HPMS6
Analyst SLT
Lab File ID 6TU07105

Method 8260A
Run ID R45C35

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75 01 4	Vinyl chloride	ug/kg		ND	12	1
95 47 6	o Xylene	ug/kg		ND	5 9	1
108 38 3	m-Xylene	ug/kg		ND	5 9	1
106-42 3	p-Xylene	ug/kg		ND	5 9	1

SURROGATES In Percent Recovery

D_bromofluoromethane	106	(80 120%)
1 2 Dichloroethane d4	104	(80 - 120%)
Toluene d8	105	(81 117%)
4 Bromofluorobenzene	98 3	(74 121%)

Lab Sample ID L9804_88-06
Client Sample ID TB 16 (5-7)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected 04/07/98 1300

% Solid 96
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	96		1	1	N/A	MEL	04/16/98	4:05	D2216 90

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB 16 (5 7)	COC Info	N/A	Extrac Volume	N/A
Site/Work ID:	DAYTON THERMAL BUILDING 40B				
Matrix	So l	Date Collected	04/07/98	% Solid	96
TCLP Extract Date:	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLC	Run ID	R4SC28
Analysis Date	04/15/98 Time 02 15	Lab File ID	6C0C7089		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/kg		ND	20	1
71-43	Benzene	ug/kg		ND	5 2	1
108-86 1	Bromobenzene	ug/kg		ND	5 2	1
74-97 5	Bromochloromethane	ug/kg		ND	5 2	1
75 27 4	Bromodichloromethane	ug/kg		ND	5 2	1
75-25-2	Bromoform	ug/kg		ND	5 2	1
74 83 9	Bromomethane	ug/kg		ND	20	1
78 93 3	2-Butanone	ug/kg		ND	100	
104-5 8	n Butylbenzene	ug/kg		ND	5 2	1
135-98 8	sec-Butylbenzene	ug/kg		ND	5 2	1
98-06 6	tert-Butylbenzene	ug/kg		ND	5 2	1
75-15-0	Carbon disulfide	ug/kg		ND	5 2	1
56 23-5	Carbon tetrachloride	ug/kg		ND	5 2	1
108 90-7	Chlorobenzene	ug/kg		ND	5 2	1
124 48-1	Chlorodibromomethane	ug/kg		ND	5 2	1
75 00-3	Chloroethane	ug/kg		ND	10	1
110 75 8	2-Chloroethyl vinyl ether	ug/kg		ND	10	1
67 66 3	Chloroform	ug/kg		ND	5 2	1
74 87 3	Chloromethane	ug/kg		ND	10	1
95-49 8	2-Chlorotoluene	ug/kg		ND	5 2	1
106-43 4	4-Chlorotoluene	ug/kg		ND	5 2	1
96 12-8	1 2 Dibromo-3-chloropropane	ug/kg		ND	5 2	1
106 93-4	1,2 Dibromoethane	ug/kg		ND	5 2	1
74 95 3	Dibromomethane	ug/kg		ND	5 2	1
95 50 1	1 2 Dichlorobenzene	ug/kg		ND	5 2	1
541 73 1	1 3 Dichlorobenzene	ug/kg		ND	5 2	1
106-46 7	1,4 Dichlorobenzene	ug/kg		ND	5 2	1
75-71 8	Dichlorodifluoromethane	ug/kg		ND	10	1
75 34-3	1 1 Dichloroethane	ug/kg		ND	5 2	1
107-06 2	1 2 Dichloroethane	ug/kg		ND	5 2	1
75-35 4	1,1 Dichloroethene	ug/kg		ND	5 2	1
156 59 2	cis 1 2 Dichloroethene	ug/kg		ND	5 2	1
156 60 5	trans 1 2-Dichloroethene	ug/kg		ND	5 2	1
78 87 5	1 2 Dichloropropane	ug/kg		ND	5 2	1
142-28 9	1 3 Dichloropropane	ug/kg		ND	5 2	1
594-20 7	2,2 Dichloropropane	ug/kg		ND	5 2	1
10061-01 5	cis 1 3 Dichloropropene	ug/kg		ND	5	1
10061-02 6	trans 1,3-Dichloropropene	ug/kg		ND	5 2	1
563-58 6	1 1 Dichloropropene	ug/kg		ND	5 2	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID: L9804.66-06
Client Sample ID TB-15 (5-7)
Site/Work ID DAYTON THERMAL BUILDING 408
Matrix Soil

D.l Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 96

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 0 15

Instrument HPMS6
Analyst SLT
Lab File ID 6CU07085

Method 8260A
Run ID R45028

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/kg		ND	5 2	1
591-78 6	2 Hexanone	ug/kg		ND	10	1
87-68 3	Hexachlorobutadiene	ug/kg		ND	5 2	1
98-82-8	Isopropylbenzene	ug/kg		ND	5 2	1
99-87-6	p Isopropyltoluene	ug/kg		ND	5 2	1
108 10-1	4-Methyl 2 pentanone	ug/kg		ND	10	1
75 09-2	Methylene chloride	ug/kg		ND	5 2	1
91 20-3	Naphthalene	ug/kg		ND	10	1
103 65-1	n-Propylbenzene	ug/kg		ND	5 2	1
100 42-5	Styrene	ug/kg		ND	5 2	1
630 20-6	1 1 1 2 Tetrachloroethane	ug/kg		ND	5 2	1
79 34 5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 2	1
127 18 4	Tetrachloroethene	ug/kg	27		5 2	1
108-88-3	Toluene	ug/kg		ND	5 2	1
87-61 6	1 2 3 Trichlorobenzene	ug/kg		ND	5 2	1
120-82 1	1 2 4-Trichlorobenzene	ug/kg		ND	5 2	1
71-55-6	1 1 1 Trichloroethane	ug/kg		ND	5 2	1
79 00 5	1 1 2-Trichloroethane	ug/kg		ND	5 2	1
79 01-6	Trichloroethene	ug/kg	64	D	5 2	1
75 69 4	Trichlorofluoromethane	ug/kg		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/kg		ND	5 2	1
95 63 6	1 2 4-Trimethylbenzene	ug/kg		ND	5 2	1
108 67 8	1 3 5-Trimethylbenzene	ug/kg		ND	5 2	1
108 05-4	Vinyl acetate	ug/kg		ND	10	1
75 01-4	Vinyl chloride	ug/kg		ND	10	1
95-47-6	o-Xylene	ug/kg		ND	5 2	1
108 38-3	m-Xylene	ug/kg		ND	5 2	1
106 42 3	p Xylene	ug/kg		ND	5 2	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	92 6		(80 - 120%)
1 2 Dichloroethane d4	88 7		(80 120%)
Toluene d8	80 [illegible]		(81 117%)
4 Bromo fluorobenzene	87 9	* RE	(74 121%)

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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188 07
Client Sample ID TB 17 (5 7)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix: Soil
Collected: 04/07/98 1030

% Solid 89
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	89		1 0	1	N/A	MEL	04/16/98	14 05	D2216 90

Product: 8260 Volatile Organics

Lab Sample ID L9804188 07
Client Sample ID TB-17 (5-7)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 89

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 13 53

Instrument HPMSE
Analyst SLT
Lab File ID 6CC07099

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/kg		ND	10	1
71 43-2	Benzene	ug/kg		ND	5 6	1
108 86-1	Bromobenzene	ug/kg		ND	5 6	1
74 97-5	Bromochloromethane	ug/kg		ND	5 6	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 6	1
75 2 -2	Bromoform	ug/kg		ND	5 5	1
74 83 9	Bromomethane	ug/kg		ND	11	1
78 93 3	2-Butanone	ug/kg		ND	110	1
104-51-8	n-Butylbenzene	ug/kg		ND	5 6	1
135-98-8	sec Butylbenzene	ug/kg		ND	5 6	1
98-06-6	tert Butylbenzene	ug/kg		ND	5 6	1
75 15-0	Carbon disulfide	ug/kg		ND	5 6	1
56 23-5	Carbon tetrachloride	ug/kg		ND	5 6	1
108 90-7	Chlorobenzene	ug/kg		ND	5 6	1
124 48 1	Chlorodibromomethane	ug/kg		ND	5 6	1
75 00-3	Chloroethane	ug/kg		ND	11	1
110 75 8	2-Chloroethyl vinyl ether	ug/kg		ND	11	1
67-66-3	Chloroform	ug/kg		ND	5 6	1
74-87-3	Chloromethane	ug/kg		ND	11	1
95-49 8	2-Chlorotoluene	ug/kg		ND	5 6	1
106 43 4	4-Chlorotoluene	ug/kg		ND	5 6	1
96-12 8	1 2 Dibromo 3 chloropropane	ug/kg		ND	5 6	1
106 93 4	1 Dibromoethane	ug/kg		ND	5 6	1
74 95 3	Dibromomethane	ug/kg		ND	5 6	1

Login #L9804188
April 20 1998 11 04 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804188-07
Client Sample ID TB-17 '5-7
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 69

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/19/98 Time: 13 53

Instrument HPMS6
Analyst SLT
Lab File ID 6C007099

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50 1	1 2-Dichlorobenzene	ug/kg		ND	5 6	1
541 73 1	1 3-Dichlorobenzene	ug/kg		ND	5 6	1
106 46-7	1,4-Dichlorobenzene	ug/kg		ND	5 6	1
75 71-8	Dichlorodifluoromethane	ug/kg		ND	11	1
75 34-3	1 1-Dichloroethane	ug/kg	10		5 5	1
107 06 2	1 2 Dichloroethane	ug/kg		ND	5 5	1
75 35 4	1 1 Dichloroethene	ug/kg		ND	5 6	1
156-59-2	cis-1 -Dichloroethene	ug/kg	120	D	5 6	1
156-60-5	trans 1 2 Dichloroethene	ug/kg		ND	5 6	1
78 87-5	1 2 Dichloropropane	ug/kg		ND	5 6	1
142-28-9	1 3 Dichloropropane	ug/kg		ND	5 6	1
594-20-7	2 2-Dichloropropane	ug/kg		ND	5 6	
10061 01 5	cis 1 3 Dichloropropene	ug/kg		ND	5 6	1
10061 02-6	trans 1 3 Dichloropropene	ug/kg		ND	5 5	1
563 58-6	1 1 Dichloropropene	ug/kg		ND	5 6	1
100 41-4	Ethylbenzene	ug/kg		ND	5 6	1
591 78-6	2-Hexanone	ug/kg		ND	11	1
87-68 3	Hexachlorobutadiene	ug/kg		ND	5 6	1
98-82 8	Isopropylbenzene	ug/kg		ND	5 6	1
99 87 6	p-Isopropyltoluene	ug/kg		ND	5 6	1
108-10-1	4 Methyl 2 pentanone	ug/kg		ND	11	1
75 09-2	Methylene chloride	ug/kg		ND	5 6	1
91 20-3	Naphthalene	ug/kg		ND	11	1
103 65-1	n-Propylbenzene	ug/kg		ND	5 6	1
100 42-5	Styrene	ug/kg		ND	5 6	1
630 20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 6	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 6	1
127 18-4	Tetrachloroethene	ug/kg	370	D	5 6	1
108 88-3	Toluene	ug/kg		ND	5 6	1
87-61-6	1 2 3-Trichlorobenzene	ug/kg		ND	5 6	1
120 82-1	1 2 4-Trichlorobenzene	ug/kg		ND	5 6	1
71 55-6	1 1 1 Trichloroethane	ug/kg	66		5 6	1
79 00 5	1 1 2 Trichloroethane	ug/kg		ND	5 6	1
79-01 6	Trichloroethene	ug/kg	2000	D	5 6	1
75 69-4	Trichlorofluoromethane	ug/kg		ND	11	1
96-18 4	1 2 3-Trichloropropane	ug/kg		ND	5 6	1
95-63 6	1 2 4-Trimethylbenzene	ug/kg		ND	5 6	1
108 67 8	1 3 5-Trimethylbenzene	ug/kg		ND	5 6	1
108-05 4	Vinyl acetate	ug/kg		ND	11	1

Locin #L9804188
April 20 1998 11 04 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188-07	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	TB 17 (5-7)	COC Info	N/A	Extrac Volume:	N/A
Site/Work ID	DAYTON THERMAL BUILDING 4GB				
Matrix	Soil	Date Collected	04/07/98	% Solid	89
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLC	Run ID	R4503E
Analysis Date	04/15/98 Time 13 53	Lab File ID	6CD07099		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75-01 4	Vinyl chloride	ug/kg		ND	11	1
95-47 6	o Xylene	ug/kg		ND	5 6	1
108-38-3	m Xylene	ug/kg		ND	5 6	1
106 42 3	p Xylene	ug/kg		ND	5 6	

SURROGATES- In Percent Recovery:

Dibromofluoromethane	10	(80 120%)
1 2 Dichloroethane d4	103	(80 120%)
Toluene d8	94 9	(81 117%)
4 Bromofluorobenzene	96 1	(74 121%)

Lab Sample ID	L9804188-08	Matrix Soil	% Solid 97
Client Sample ID	TB-17 (5 7)FIELD DUP	Collected 04/07/98 1030	COC Info N/A
Site/Work ID	DAYTON THERMAL BUILDING 4GB		

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	97		1 0	1	N/A	MZL	04/16/98	14 05	D2216 90

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188 08	Dil Type:	N/A	Sample Weight	N/A
Client Sample ID	TB 17 (5-7) FIELD DUP	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/07/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPM86	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45035
Analysis Date	04/15/98 Time 14 46	Lab File ID	6CU07100		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64	Acetone	ug/kg		ND	100	1
71 43	Benzene	ug/kg		ND	5 2	1
108-86 1	Bromobenzene	ug/kg		ND	5 2	1
74 97 5	Bromochloromethane	ug/kg		ND	5 2	1
75-27-4	Bromodichloromethane	ug/kg		ND	5 2	
75 25 2	Bromoform	ug/kg		ND	5 2	-
74 83 9	Bromomethane	ug/kg		ND	10	-
78 93 7	2 Butanone	ug/kg		ND	100	
104 51 8	n Butylbenzene	ug/kg		ND	5 2	
135-98 8	sec-Butylbenzene	ug/kg		ND	5 2	1
98-06 6	tert Butylbenzene	ug/kg		ND	5 2	1
75-15 0	Carbon disulfide	ug/kg		ND	2	1
56-23 5	Carbon tetrachloride	ug/kg		ND	5 2	1
108-90 7	Chlorobenzene	ug/kg		ND	5 2	1
124 48 1	Chlorodibromomethane	ug/kg		ND	5 2	1
75 00 3	Chloroethane	ug/kg		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/kg		ND	10	1
67-66-3	Chloroform	ug/kg		ND	5 2	1
74 87-3	Chloromethane	ug/kg		ND	10	1
95-49-8	2 Chlorotoluene	ug/kg		ND	5 2	1
106-43-4	4 Chlorotoluene	ug/kg		ND	5 2	1
96 12-8	1 2 Dibromo 3-chloropropane	ug/kg		ND	5 2	1
106 93-4	1,2 Dibromoethane	ug/kg		ND	5 2	1
74 95-3	Dibromomethane	ug/kg		ND	5 2	1
95 50-1	1 2-Dichlorobenzene	ug/kg		ND	5 2	1
541 73-1	1 3-Dichlorobenzene	ug/kg		ND	5 2	1
106 46-7	1 4 Dichlorobenzene	ug/kg		ND	5 2	1
75 71 8	Dichlorodifluoromethane	ug/kg		ND	10	1
75 34 3	1 1-Dichloroethane	ug/kg		ND	5 2	1
107 06-2	1 2 Dichloroethane	ug/kg		ND	5 2	1
75 35-4	1,1 Dichloroethene	ug/kg		ND	5 2	1
156 59 2	cis 1 2 Dichloroethene	ug/kg	24		5 2	1
156 60-5	trans 1 2 Dichloroethene	ug/kg		ND	5 2	1
78 87-5	1 2 Dichloropropane	ug/kg		ND	5 2	1
142 28 9	1 3 Dichloropropane	ug/kg		ND	5 2	1
594 20-7	2 2 Dichloropropane	ug/kg		ND	5 2	1
10061 01-5	cis 1 3-Dichloropropene	ug/kg		ND	5 2	1
10061 02-6	trans-1 3 Dichloropropene	ug/kg		ND	5 2	1
563 58-6	1 1 Dichloropropene	ug/kg		ND	5 2	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804188 08
Client Sample ID TB-17 5 7 ,FIELD DUP
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

D I Type N/A
COC Inic N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 97

TCLP Extract Date N/A
Extract Date N/A
Analysis Date: 04/15/98 Time 14 26

Instrument HPNS6
Analyst SLT
Lab File ID 6CU07100

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/kg		ND	5 2	1
551-78 6	2 Hexanone	ug/kg		ND	10	1
87 58 3	Hexachlorobutadiene	ug/kg		ND	5 2	1
98 82 8	Isopropylbenzene	ug/kg		ND	5 2	1
99 87 6	p-Isopropyltoluene	ug/kg		ND	5 2	1
108 10-1	4 Methyl-2 pentanone	ug/kg		ND	10	1
75 09-2	Methylene chloride	ug/kg		ND	5 2	1
91-20-3	Naphthalene	ug/kg		ND	10	1
103 65-1	n Propylbenzene	ug/kg		ND	5 2	1
100 42-5	Styrene	ug/kg		ND	5 2	1
630 20-6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 2	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 2	1
127 18 4	Tetrachloroethane	ug/kg	200	D	5 2	1
108 88-3	Toluene	ug/kg		ND	5 2	1
87 61-6	1 2 3 Trichlorobenzene	ug/kg		ND	5 2	1
120 82-1	1 2 4 Trichlorobenzene	ug/kg		ND	5 2	1
71 55-6	1 1 1 Trichloroethane	ug/kg	16		5 2	1
79 00-5	1 1 2 Trichloroethane	ug/kg		ND	5 2	1
79 01-6	Trichloroethene	ug/kg	260	D	5 2	1
75 69 4	Trichlorofluoromethane	ug/kg		ND	10	1
96 18 4	1 2 3 Trichloropropane	ug/kg		ND	5 2	1
95 63 6	1 2 4-Trimethylbenzene	ug/kg		ND	5 2	1
108 67 8	1,3 5 Trimethylbenzene	ug/kg		ND	5 2	1
108 05 4	Vinyl acetate	ug/kg		ND	10	1
75 01 4	Vinyl chloride	ug/kg		ND	10	1
95 47-6	o Xylene	ug/kg		ND	5 2	1
108 38 3	m Xylene	ug/kg		ND	5 2	1
105 42 3	p Xylene	ug/kg		ND	5 2	1

SURROGATES In Percent Recovery

Dibromofluoromethane	123	* RE	(90 - 120%)
1 2 Dichloroethane-d4	123	* RE	(90 - 120%)
Toluene-d8	119	* RE	(81 117%)
4-Bromofluorobenzene	111		(74 121%)

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188-09
Client Sample ID TB-18 (3 5)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected 04/07'98 1120

% Solid 88
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	D.F	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	88		1.0	1	N/A	MZL	04/16/98	16 05	D2216-90

Product: 8260 Volatile Organics

Lab Sample ID L9804188 09
Client Sample ID TB 18 (3-5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

D.F. Type N/A
COC Info N/A

Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A

% Solid 88

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 20 34

Instrument HPVS6
Analyst SLT
Lab File ID 6CU07108

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/kg		ND	180	1
71 43-2	Benzene	ug/kg		ND	5 7	1
108 86-1	Bromobenzene	ug/kg		ND	5 7	1
74-97-5	Bromochloromethane	ug/kg		ND	5 7	1
75 27-4	Bromodichloromethane	ug/kg		ND	5 7	1
75-25-2	Bromoform	ug/kg		ND	5 7	1
74-83-9	Bromomethane	ug/kg		ND	11	1
78 93-3	2-Butanone	ug/kg		ND	10	1
104 51-8	n-Butylbenzene	ug/kg		ND	5 7	1
135 98 8	sec-Butylbenzene	ug/kg		ND	5 7	1
98 06 6	tert Butylbenzene	ug/kg		ND	5 7	1
75 15 0	Carbon disulfide	ug/kg		ND	5 7	1
56 23 5	Carbon tetrachloride	ug/kg		ND	5 7	1
108 90 7	Chlorobenzene	ug/kg		ND	5 7	1
124 48 1	Chlorodibromomethane	ug/kg		ND	5 7	1
75-00-3	Chloroethane	ug/kg		ND	11	1
110-75 8	2-Chloroethyl vinyl ether	ug/kg		ND	11	1
67 66-3	Chloroform	ug/kg		ND	5 7	1
74 87-3	Chloromethane	ug/kg		ND	11	1
95 49-8	2-Chlorotoluene	ug/kg		ND	5 7	1
106 43-4	4 Chlorotoluene	ug/kg		ND	5 7	1
96 12-8	1 2 Dibromo 3 chloropropane	ug/kg		ND	5 7	1
106 93 4	1 2 Dibromoethane	ug/kg		ND	5 7	1
74 95 3	Dibromomethane	ug/kg		ND	5 7	1

Login #L9804186
April 20 1998 1 04 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID L9804186 09
Client Sample ID TB 18 (1 5
Site/Work ID DAYTON THERMAL BUILDING 408
Matrix Soil

Soil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 86

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15 98 Time: 20 34

Instrument HPMS6
Analyst: SLT
Lab File ID 6CU07106

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95 50 1	1 2 Dichlorobenzene	ug/kg		ND	5 7	1
541-73-1	1 3 Dichlorobenzene	ug/kg		ND	5 7	1
106 46-7	1 4 Dichlorobenzene	ug/kg		ND	5 7	1
75 71-8	Dichlorodifluoromethane	ug/kg		ND	11	1
75 34-3	1 1-Dichloroethane	ug/kg		ND	5 7	1
107 06 2	1 2-Dichloroethane	ug/kg		ND	5 7	1
75 35 4	1 1 Dichloroethene	ug/kg		ND	5 7	1
156 59 2	cis-1 2-Dichloroethene	ug/kg	6 8		5 7	1
156 60 5	trans 1 2-Dichloroethene	ug/kg		ND	5 7	1
78 87-5	1 2-Dichloropropane	ug/kg		ND	5 7	1
142-28-9	1 3-Dichloropropane	ug/kg		ND	5 7	1
594-20-7	2 2-Dichloropropane	ug/kg		ND	5 7	1
10061-01-5	cis-1 3-Dichloropropene	ug/kg		ND	5 7	1
10061 02-6	trans 1 3 Dichloropropene	ug/kg		ND	5 7	1
563-58-6	1 1-Dichloropropene	ug/kg		ND	5 7	1
100 41-4	Ethylbenzene	ug/kg		ND	5 7	1
591 78-6	2-Hexanone	ug/kg		ND	11	1
87 68-3	Hexachlorobutadiene	ug/kg		ND	5 7	1
98 82-8	Isopropylbenzene	ug/kg		ND	5 7	1
99 87-6	p-Isopropyltoluene	ug/kg		ND	5 7	1
108 10-1	4-Methyl 2 pentanone	ug/kg		ND	11	1
75 09 2	Methylene chloride	ug/kg		ND	5 7	1
91 20 3	Naphthalene	ug/kg		ND	11	1
103 65 1	n-Propylbenzene	ug/kg		ND	5 7	1
100 42 5	Styrene	ug/kg		ND	5 7	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/kg		ND	5 7	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	5 7	1
127 18-4	Tetrachloroethene	ug/kg	27		5 7	1
108-88-3	Toluene	ug/kg		ND	5 7	1
87-61-6	1 2 3 Trichlorobenzene	ug/kg		ND	5 7	1
120 82-1	1 2 4 Trichlorobenzene	ug/kg		ND	5 7	1
71 55-6	1 1 1 Trichloroethane	ug/kg		ND	5 7	1
79 00-5	1 1 2 Trichloroethane	ug/kg		ND	5 7	1
79 01-6	Trichloroethene	ug/kg	52		5 7	1
75 69-4	Trichlorofluoromethane	ug/kg		ND	11	1
96 18 4	1 2 3-Trichloropropane	ug/kg		ND	5 7	1
95 63-6	1 2 4-Trimethylbenzene	ug/kg		ND	5 7	1
108 67 8	1 3 5-Trimethylbenzene	ug/kg		ND	5 7	1
108-05-4	Vinyl acetate	ug/kg		ND	11	1

Login #L9804188
April 20 1998 11:06 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID L9804188-09
Client Sample ID TB 18 (5 5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 88

TCLP Extract Date: N/A
Extract Date N/A
Analysis Date 04/15/96 Time 20 34

Instrument HPMS6
Analyst SLT
Lab File ID 5CU07108

Method 8260A
Run ID R4503

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75 01 4	Vinyl chloride	ug/kg		ND	1	-
95-47 6	o Xylene	ug/kg		ND	7	
108-38 3	m Xylene	ug/kg		ND	5 7	-
106-42 3	p Xylene	ug/kg		ND	5 7	1

SURROGATES In Percent Recovery:

Dibromofluoromethane	95 5	(80	120%)
1 2-Dichloroethane-d4	98 0	(80	120%)
Toluene d8	95 8	(81	117%)
4 Bromofluorobenzene	85 4	(74	121%)

Lab Sample ID L9804188-10
Client Sample ID TB-19 (1 3
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected 04/07/98 1500

% Solid 85
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	85		1 0	1	N/A	MEL	04/16/98	14 05	D2216 90

Login #L9804180
April 20 1998 1. 04 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804180 10	D 1 Type	N/A	Sample Weight	N/A
Client Sample ID	TS-19 (1 1 (	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/07/98	% Solid	85
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45035
Analysis Date:	04/15/98 Time 15 33	Lab File ID	6CU07102		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/kg		ND	120	-
71-43 2	Benzene	ug/kg		ND	5 9	-
108-86 1	Bromobenzene	ug/kg		ND	5 9	-
74-97 5	Bromochloromethane	ug/kg		ND	5 9	-
75-27 4	Bromodichloromethane	ug/kg		ND	5 9	-
75-25 2	Bromoform	ug/kg		ND	5 9	1
74-83 9	Bromomethane	ug/kg		ND	12	1
78-93 3	2 Butanone	ug/kg		ND	120	1
104-51 8	n Butylbenzene	ug/kg		ND	5 9	1
135-98 8	sec-Butylbenzene	ug/kg		ND	5 9	1
98-06 6	tert Butylbenzene	ug/kg		ND	5 9	1
75-15 0	Carbon disulfide	ug/kg		ND	5 9	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 9	1
108-90 7	Chlorobenzene	ug/kg		ND	5 9	1
124 48-1	Chlorodibromomethane	ug/kg		ND	5 9	1
75-00 3	Chloroethane	ug/kg		ND	12	1
110 75 8	2 Chloroethyl vinyl ether	ug/kg		ND	12	1
67 66 3	Chloroform	ug/kg		ND	5 9	1
74 87 3	Chloromethane	ug/kg		ND	12	1
95 49-8	2 Chlorotoluene	ug/kg		ND	5 9	1
106 43-4	4 Chlorotoluene	ug/kg		ND	5 9	1
96 12 8	1 2-Dibromo 3-chloropropane	ug/kg		ND	5 9	1
106-93 4	1,2 Dibromoethane	ug/kg		ND	5 9	1
74-95-3	Dibromomethane	ug/kg		ND	5 9	1
95-50-1	1 2 Dichlorobenzene	ug/kg		ND	5 9	1
541 73 1	1 3-Dichlorobenzene	ug/kg		ND	5 9	1
106 46-7	1,4 Dichlorobenzene	ug/kg		ND	5 9	1
75 71-8	Dichlorodifluoromethane	ug/kg		ND	12	1
75 34 3	1 1 Dichloroethane	ug/kg		ND	5 9	1
107 06-2	1 2 Dichloroethane	ug/kg		ND	5 9	1
75 35-4	1 1 Dichloroethene	ug/kg		ND	5 9	
156 59 2	cis 1 2-Dichloroethene	ug/kg	0	D	5 9	
156 60 5	trans 1 2 Dichloroethene	ug/kg		ND	5 9	1
78 87 5	1 2 Dichloropropane	ug/kg		ND	5 9	1
142 28 9	1 3 Dichloropropane	ug/kg		ND	5 9	1
594 20 7	2 2 Dichloropropane	ug/kg		ND	5 9	1
10061 01 5	cis 1 3-Dichloropropene	ug/kg		ND	5 9	1
10061-02-6	trans-1 3 Dichloropropene	ug/kg		ND	5 9	1
563 58-6	1 1 Dichloropropene	ug/kg		ND	5 9	1

Login #L9804_88
April 20 1998 1 04 am

KEMRON ENVIRONMENTAL SERVICES

Product 8260 Volatile Organics

Lab Sample ID: L9804188 10
Client Sample ID TB 19 (1 3)
Site/Work ID: DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume: N/A
% Solid 85

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 15 33

Instrument HPMS6
Analyst SLT
Lab File ID: 6CU07102

Method 8260A
Run ID R45C35

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/kg		ND	5 9	1
59_-78 6	2 Hexanone	ug/kg		ND	12	1
87 68 3	Hexachlorobutadiene	ug/kg		ND	5 9	1
98-82 8	Isopropylbenzene	ug/kg		ND	5 9	1
99-87 6	p-Isopropyltoluene	ug/kg		ND	5 9	1
108-10 1	4-Methyl 2 pentanone	ug/kg		ND	12	1
75 09 2	Methylene chloride	ug/kg		ND	5 9	1
91-20 3	Naphthalene	ug/kg		ND	12	1
103 65 1	n Propylbenzene	ug/kg		ND	5 9	1
100-42 _	Styrene	ug/kg		ND	5 9	1
630-20 6	1 1 1 2 Tetrachloroethane	ug/kg		ND	5 9	
79-34 5	1 1 2 2 Tetrachloroethane	ug/kg		ND	5 9	-
127-18 4	Tetrachloroethene	ug/kg	130	D	5 9	-
108-88 3	Toluene	ug/kg		ND	5 9	
87-61 6	1 2 3 Trichlorobenzene	ug/kg		ND	5 9	1
120-82 1	1 2 4 Trichlorobenzene	ug/kg		ND	5 9	1
71-55-6	1 1 1 Trichloroethane	ug/kg	55		5 9	1
79 00 5	1 1 2 Trichloroethane	ug/kg		ND	5 9	1
79 0_ 6	Trichloroethene	ug/kg	1400	D	5 9	1
75 69-4	Trichlorofluoromethane	ug/kg		ND	12	1
96 18 4	1 2 3-Trichloropropane	ug/kg		ND	5 9	1
95 63-6	1 2 4 Trimethylbenzene	ug/kg		ND	5 9	1
108 67-8	1 3 5 Trimethylbenzene	ug/kg		ND	5 9	1
108 05-4	Vinyl acetate	ug/kg		ND	12	1
75 01 4	Vinyl chloride	ug/kg		ND	12	1
95 47-6	o-Xylene	ug/kg		ND	5 9	1
108 38-3	m-Xylene	ug/kg		ND	5 9	1
106 42 3	p Xylene	ug/kg		ND	5 9	

SURROGATES In Percent Recovery

Dibromofluoromethane	103	(80 - 120%)
1 2 Dichloroethane-d4	102	(80 - 120%)
Toluene d8	94 7	(81 117%)
4-Bromofluorobenzene	76 5	(74 - 121%)

Login NL9804188
April 20 1998 11 04 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188-11
Client Sample ID TB 19 (3-5)
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix Soil
Collected: 04/07/98 1510

% Solid 84
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	86		1 0	1	N/A	MEL	04/16/98	14:05	D2216 90

Product: 8260 Volatile Organics

Lab Sample ID L9804188 11
Client Sample ID TB 19 (3 5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 04/07 98

Sample Weight N/A
Extract Volume N/A
% Solid 84

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time

Instrument HPMS6
Analyst SLT
Lab File ID 6CU07096

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/kg		ND	20	1
71-43-2	Benzene	ug/kg		ND	6 0	1
108-86 1	Bromobenzene	ug/kg		ND	6 0	1
74-97-5	Bromochloromethane	ug/kg		ND	6 0	1
75-27-4	Bromodichloromethane	ug/kg		ND	6 0	1
75-25 2	Bromoform	ug/kg		ND	6 0	1
74-83 9	Bromomethane	ug/kg		ND	12	1
78-93-3	2-Butanone	ug/kg		ND	0	1
104 51-8	n-Butylbenzene	ug/kg		ND	6 0	1
135 98-8	sec Butylbenzene	ug/kg		ND	6 0	1
98 06 6	tert Butylbenzene	ug/kg		ND	6 0	1
75 15-0	Carbon disulfide	ug/kg		ND	6 0	1
56 23 5	Carbon tetrachloride	ug/kg		ND	6 0	1
108 90 7	Chlorobenzene	ug/kg		ND	6 0	1
124 48 1	Chlorodibromomethane	ug/kg		ND	6 0	1
75 00 3	Chloroethane	ug/kg		ND	12	1
110 75 8	2-Chloroethyl vinyl ether	ug/kg		ND	12	1
67 66 3	Chloroform	ug/kg		ND	6 0	1
74 87 3	Chloromethane	ug/kg		ND	12	1
95 49 8	2 Chlorotoluene	ug/kg		ND	6 0	1
106 43 4	4-Chlorotoluene	ug/kg		ND	6 0	1
96 12-8	1 2 Dibromo 3-chloropropane	ug/kg		ND	6 0	1
106-93-4	1 2 Dibromoethane	ug/kg		ND	6 0	1
74 95-3	Dibromomethane	ug/kg		ND	6 0	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804188-11
Client Sample ID TB 19 (3-5)
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info: N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 64

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time

Instrument: HPMS6
Analyst: SLT
Lab File ID 6CU07096

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95 50 1	1 2-Dichlorobenzene	ug/kg		ND	6 0	-
541 73 1	1 3-Dichlorobenzene	ug/kg		ND	6 0	-
106 46 7	1,4-Dichlorobenzene	ug/kg		ND	6 0	-
75 71 8	Dichlorodifluoromethane	ug/kg		ND	12	-
75 34 3	1 1-Dichloroethane	ug/kg		ND	6 0	
107 06 2	1 2-Dichloroethane	ug/kg		ND	6 0	
75-35 4	1 1-Dichloroethene	ug/kg		ND	6 0	-
156 59 2	cis 1 2 Dichloroethene	ug/kg	61	D	6 0	
156 60-5	trans 1 2-Dichloroethene	ug/kg		ND	6 0	
78-87 5	1 2-Dichloropropane	ug/kg		ND	6 0	1
142-28 9	1 3-Dichloropropane	ug/kg		ND	6 0	
594-20-7	2,2 Dichloropropane	ug/kg		ND	6 0	1
10061-01-5	cis 1 3 Dichloropropene	ug/kg		ND	6 0	1
10061 02-6	trans 1 3-Dichloropropene	ug/kg		ND	6 0	1
563-58 6	1 1-Dichloropropene	ug/kg		ND	6 0	1
100-41 4	Ethylbenzene	ug/kg		ND	6 0	1
591-78-6	2 Hexanone	ug/kg		ND	12	1
87 68 3	Hexachlorobutadiene	ug/kg		ND	6 0	1
98 82 8	Isopropylbenzene	ug/kg		ND	6 0	1
99 87-6	p Isopropyltoluene	ug/kg		ND	6 0	1
108 10-1	4 Methyl-2 pentanone	ug/kg		ND	12	1
75 09-2	Methylene chloride	ug/kg		ND	6 0	1
91-20-3	Naphthalene	ug/kg		ND	12	1
103 65-1	n Propylbenzene	ug/kg		ND	6 0	1
100-42 5	Styrene	ug/kg		ND	6 0	1
630-20-6	1 1 2 Tetrachloroethane	ug/kg		ND	6 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/kg		ND	6 0	1
127-18-4	Tetrachloroethene	ug/kg	70		6 0	1
108-88-3	Toluene	ug/kg		ND	6 0	1
87-61-6	1 2 3 Trichlorobenzene	ug/kg		ND	6 0	1
120-82 1	1 2 4 Trichlorobenzene	ug/kg		ND	6 0	1
71-55 6	1 1 1 Trichloroethane	ug/kg	17		6 0	1
79 00-5	1 1 2 Trichloroethane	ug/kg		ND	6 0	1
79 01 6	Trichloroethene	ug/kg	500	D	6 0	1
75 69-4	Trichlorofluoromethane	ug/kg		ND	12	1
96 18 4	1 2 3 Trichloropropane	ug/kg		ND	6 0	1
95 63 6	1 2 4 Trimethylbenzene	ug/kg		ND	6 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/kg		ND	6 0	1
108-05-4	Vinyl acetate	ug/kg		ND	12	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804186 11
Client Sample ID TB 19 13 5
Site/Work ID DAYTON THERMAL BUILDING 408
Matrix Soil

Dil Type N/A
COC Info: N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 84

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time

Instrument HPMS6
Analyst SLT
Lab File ID 6CV07096

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75 0 4	Vinyl chloride	ug/kg		ND	12	1
95 47 6	o Xylene	ug/kg		ND	6 0	1
108-38 3	m Xylene	ug/kg		ND	6 0	1
106 42 3	p Xylene	ug/kg		ND	6 0	1

SURROGATES In Percent Recovery:

Dibromofluoromethane	10	(80 120%)
1 2-Dichloroethane-d4	95 0	(80 120%)
Toluene d8	103	(81 117%)
4 Bromofluorobenzene	84 3	(74 - 121%)

Lab Sample ID L9804186 12
Client Sample ID TB-19 3-5' /MS
Site/Work ID DAYTON THERMAL BUILDING 408

Matrix Soil
Collected 04/07/98 1510

% Solid 87
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	87		1 0	1	N/A	MZL	04/16/98	14 05	D2216 90

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID: L9804188-12
Client Sample ID TB-19 (3 5)/MS
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil. Type N/A
COC Info N/A

Sample Weight N/A
Extract Volume N/A

Date Collected: 04/07/98

% Solid 87

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 12 47

Instrument HPMS6
Analyst SLT
Lab File ID 6CU07097

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	% Recovery	77 1		100	-
71-43 2	Benzene	% Recovery	94 0		5 0	-
08-85 1	Bromobenzene	% Recovery	80 0		5 0	-
74-97 5	Bromochloromethane	% Recovery	98 4		5 0	-
75-27 4	Bromodichloromethane	% Recovery	95 1		5 0	-
75-25 2	Bromoform	% Recovery	81 6		5 0	-
74-83 5	Bromomethane	% Recovery	99 5		10	-
78-93 3	2 Butanone	% Recovery	72 2		100	-
104-51 8	n Butylbenzene	% Recovery	66 5		5 0	
135-98 8	sec Butylbenzene	% Recovery	73 6		5 0	1
98-06-6	tert-Butylbenzene	% Recovery	77 7		5 0	1
75-15-0	Carbon disulfide	% Recovery	116		5 0	1
6-23-5	Carbon tetrachloride	% Recovery	89 7		5 0	1
108-90 7	Chlorobenzene	% Recovery	83 8		5 0	1
124-48 1	Chlorodibromomethane	% Recovery	91 5		5 0	1
75-00 3	Chloroethane	% Recovery	85 4		10	1
110-75-8	2 Chloroethyl vinyl ether	% Recovery	129		10	1
67 66-3	Chloroform	% Recovery	97 1		5 0	1
74-87-3	Chloromethane	% Recovery	84 3		10	1
95-49-8	2 Chlorotoluene	% Recovery	78 8		5 0	1
106-43 4	4 Chlorotoluene	% Recovery	77 5		5 0	1
96-12-8	1 2-Dibromo 3 chloropropane	% Recovery	80 6		5 0	1
106-93-4	1 2-Dibromoethane	% Recovery	93 1		5 0	1
74-95-3	Dibromomethane	% Recovery	94 0		5 0	1
95-50-1	1 2 Dichlorobenzene	% Recovery	72 5		5 0	1
41-73 1	1 3 Dichlorobenzene	% Recovery	71 0		5 0	1
106 46-7	1,4-Dichlorobenzene	% Recovery	69 9		5 0	1
75 71-8	Dichlorodifluoromethane	% Recovery	77 4		10	1
75 34-3	1 1-Dichloroethane	% Recovery	102		5 0	1
107 06 2	1 2-Dichloroethane	% Recovery	94 9		5 0	1
75 35-4	1,1-Dichloroethene	% Recovery	104		5 0	1
156 59-2	cis 1 2-Dichloroethene	% Recovery		NS	5 0	1
156 60-5	trans 1 2 Dichloroethene	% Recovery	110		5 0	1
78 87-5	1 2 Dichloropropane	% Recovery	96 9		5 0	1
142 28 9	1 3 Dichloropropane	% Recovery	93 9		5 0	1
594 20-7	2,2 Dichloropropane	% Recovery	96 3		5 0	
10061 01-5	cis 1 3-Dichloropropene	% Recovery	98 3		5 0	
10061 02-6	trans 1 3 Dichloropropene	% Recovery	91 6		5 0	1
563 58-6	1 1 Dichloropropene	% Recovery	97 4		5 0	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804186-12	Dil Type:	N/A	Sample Weight	N/A
Client Sample ID	TB 19 (3-5 ft)MS	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/07/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMSG	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45032
Analysis Date	04/15/98 Time 12 47	Lab File ID	SCU0709		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	% Recovery	86 2		5 0	1
591 78 6	2-Hexanone	% Recovery	77 6		10	1
87-68 3	Hexachlorobutadiene	% Recovery	53 9		5 0	1
98-82 8	Isopropylbenzene	% Recovery	83 7		5 0	1
99-87 6	p-Isopropyltoluene	% Recovery	71 8		5 0	1
108-10 1	4-Methyl-2 pentanone	% Recovery	107		10	1
75-09 2	Methylene chloride	% Recovery	102		5 0	1
91-20 3	Naphthalene	% Recovery	65 6		10	1
103-65 1	n Propylbenzene	% Recovery	76 6		5 0	1
100-42 5	Styrene	% Recovery	85 7		5 0	1
630-20 6	1 1 1 2-Tetrachloroethane	% Recovery	88 4		5 0	1
79-34-5	1 1 2 2 Tetrachloroethane	% Recovery	90 1		5 0	1
127-18 4	Tetrachloroethene	% Recovery	9 65		5 0	1
108-88 3	Toluene	% Recovery	91 9		5 0	1
87 61-6	1 2 3 Trichlorobenzene	% Recovery	56 5		5 0	1
120 82 1	1 2 4 Trichlorobenzene	% Recovery	56 5		5 0	1
71 55 6	1 1 1 Trichloroethane	% Recovery	14 3		5 0	1
79 00 5	1 1 2 Trichloroethane	% Recovery	96 6		5 0	1
79 01 6	Trichloroethene	% Recovery		NS	5 0	1
75-69 4	Trichlorofluoromethane	% Recovery	106		10	1
96-18 4	1 2 3 Trichloropropane	% Recovery	89 7		5 0	1
95-63-6	1 2 4 Trimethylbenzene	% Recovery	80 6		5 0	1
108-67-8	1 3 5-Trimethylbenzene	% Recovery	82 0		5 0	1
108-05 4	Vinyl acetate	% Recovery	38 5		10	1
75-01 4	Vinyl chloride	% Recovery	81 6		10	1
95-47 6	o-Xylene	% Recovery	85 9		5 0	1
108-38-3	m-Xylene	% Recovery	86 8	X	5 0	1
106 42 3	p Xylene	% Recovery		X	5 0	1

SURROGATES In Percent Recovery:

Dibromofluoromethane	107	(80 120%)
1 2 Dichloroethane-d4	104	(80 120%)
Toluene-d8	103	(81 117%)
4-Bromofluorobenzene	1 1	(74 121%)

04 20 98 11 27 ☎ 071

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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9804188 13
Client Sample ID TB 19 (3 5') /MSD
Site/Work ID DAYTON THERMAL BUILDING 40B

Matrix: Soil
Collected 04/07/98 1530

% Solid 87
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	% wt	87		1 0	1	N/A	MEL	04/16/98	14 05	D2216 90

Product: 8260 - Volatile Organics

Lab Sample ID L9804188-13
Client Sample ID TB-19 (3-5) /MSD
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type N/A
COC Info N/A

Sample Weight N/A
Extract Volume N/A

Date Collected 04/07/98

% Solid 87

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time _ 20

Instrument HPMS6
Analyst SLT
Lab File ID 6CU07098

Method 8260A
Run ID R45015

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	% Recovery	72 0		100	1
71-43 2	Benzene	% Recovery	95 0		5 0	1
108-86 1	Bromobenzene	% Recovery	82 0		5 0	1
74-97-5	Bromochloromethane	% Recovery	102		5 0	1
75-27 4	Bromodichloromethane	% Recovery	98 5		5 0	1
75-25-2	Bromoform	% Recovery	82 5		5 0	1
74-83-9	Bromomethane	% Recovery	95 0		10	1
78-93-3	2-Butanone	% Recovery	71 5		100	1
104 51-8	n Butylbenzene	% Recovery	67 0		5 0	1
135 98 8	sec Butylbenzene	% Recovery	75 5		5 0	1
98 06 6	tert Butylbenzene	% Recovery	80 0		5 0	1
75 15 0	Carbon disulfide	% Recovery	119		5 0	1
56 23 5	Carbon tetrachloride	% Recovery	92 0		5 0	1
108 90 7	Chlorobenzene	% Recovery	86 5		5 0	1
124 48 1	Chlorodibromomethane	% Recovery	92 5		5 0	1
75 00 3	Chloroethane	% Recovery	67 0		10	1
110 75 8	2-Chloroethyl vinyl ether	% Recovery	126		10	1
67 66 3	Chloroform	% Recovery	101		5 0	1
74 87 3	Chloromethane	% Recovery	87 5		10	1
95 45 8	2-Chlorotoluene	% Recovery	81 0		5 0	1
106 43 4	4 Chlorotoluene	% Recovery	79 0		5 0	1
96 12 8	1 2 Dibromo-3-chloropropane	% Recovery	78 0		5 0	1
106 93 4	1 2 Dibromoethane	% Recovery	95 0		5 0	1
74 95 3	Dibromomethane	% Recovery	96 5		5 0	1

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID	L9804188-13	Dil Type	N/A	Sample Weight:	N/A
Client Sample ID	T3 19 (3 5)/MSD	TOC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Soil	Date Collected	04/07/98	% Solid	87
TCLP Extract Date	N/A	Instrument	HPMS6	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R45G1[illegible]
Analysis Date	04/15/98 Time 11 20	Lab File ID	6C007098		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
95-50-1	1 2-Dichlorobenzene	% Recovery	71 0		5 0	1
541-73-1	1 3-Dichlorobenzene	% Recovery	72 0		5 0	1
106-46 7	1,4-Dichlorobenzene	% Recovery	71 0		5 0	1
75-71 8	Dichlorodifluoromethane	% Recovery	81 5		10	1
75 34 3	1 1-Dichloroethane	% Recovery	93 2		5 0	1
107 06	1 2-Dichloroethane	% Recovery	96 5		5 0	1
75-35 4	1 1-Dichloroethene	% Recovery	109		5 0	1
156-59 2	cis-1 2 Dichloroethene	% Recovery		NS	5 0	1
156-60 5	trans-1,2-Dichloroethene	% Recovery	114		5 0	1
78-87 5	1 2-Dichloropropane	% Recovery	100		5 0	1
142-28 9	1 3-Dichloropropane	% Recovery	96 0		5 0	1
594-20 7	2,2-Dichloropropane	% Recovery	98 0		5 0	1
10061-01 5	cis-1 3 Dichloropropene	% Recovery	101		5 0	1
10061-02 6	trans-1,3-Dichloropropene	% Recovery	94 0		5 0	1
563-58-6	1 1 Dichloropropene	% Recovery	101		5 0	1
100-41 4	Ethylbenzene	% Recovery	88 5		5 0	1
591-78 6	2 Hexanone	% Recovery	76 5		10	-
87-68 3	Hexachlorobutadiene	% Recovery	94 5		5 0	1
98 82 8	Isopropylbenzene	% Recovery	85 5		5 0	1
99-87 6	p-Isopropyltoluene	% Recovery	73 0		5 0	
108-10 1	4-Methyl 2 pentanone	% Recovery	108		10	
75-09 2	Methylene chloride	% Recovery	106		5 0	
91-20 3	Naphthalene	% Recovery	64 5		10	-
103-65-1	n Propylbenzene	% Recovery	80 5		5 0	
100-4 5	Styrene	% Recovery	8[illegible] 0		5 0	
630-20-6	1 1 1 2-Tetrachloroethane	% Recovery	89 5		5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	% Recovery	91 5		5 0	1
127 18-4	Tetrachloroethene	% Recovery		NS	[illegible] 0	1
108 88 3	Toluene	% Recovery	92 5		[illegible] 0	1
87 61 6	1 2 3-Trichlorobenzene	% Recovery	54 5		5 0	1
120 82-1	1 2 4 Trichlorobenzene	% Recovery	5[illegible] 0		5 0	1
71 55-6	1 1,1 Trichloroethane	% Recovery	94 5		[illegible] 0	1
79 00 5	1,1 2 Trichloroethane	% Recovery	98 0		5 0	1
79 01 6	Trichloroethene	% Recovery		NS	5 0	1
75 69 4	Trichlorofluoromethane	% Recovery	108		10	1
96 18-4	1 2 3 Trichloropropane	% Recovery	90 0		5 0	1
95 63-6	1 2 4-Trimethylbenzene	% Recovery	82 0		5 0	1
108-67-8	1,3 5 Trimethylbenzene	% Recovery	83 5		5 0	1
108 05-4	Vinyl acetate	% Recovery	26 7		10	1

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KEMRON ENVIRONMENTAL SERVICES

Product: 8260 Volatile Organics

Lab Sample ID L9804188 13
Client Sample ID TB 19 (3 5)/MSD
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Soil

Dil Type: N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid 87

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 13 20

Instrument HPMS6
Analyst S.
Lab File ID 6CUC7098

Method 8260A
Run ID R45035

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
75 01 4	Vinyl chloride	% Recovery	84 0		10	1
95-47-6	o Xylene	% Recovery	90 5		5 0	1
108 38-3	m-Xylene	% Recovery	88 5	I	5 0	1
106 42 3	p-Xylene	% Recovery		I	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	110	80	120%)
1 2-Dichloroethane d4	107	80	120%)
Toluene d8	106	81	117%)
4 Bromofluorobenzene	92 7	74	121%)

Product: 826-VAF - Volatile Organics

Lab Sample ID: L9804_68-14
Client Sample ID FE060798
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix: Water

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid N/A

TCLP Extract Date N/A
Extract Date N/A
Analysis Date: 04/15/98 Time 19 56

Instrument HPMS2
Analyst SLT
Lab File ID 2CU23702

Method 8260A
Run ID R44930

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25 2	Bromoform	ug/L		ND	5 0	1
74 83-9	Bromomethane	ug/L		ND	10	1
78 93 3	2-Butanone	ug/L		ND	100	1

Login #L9804188
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KEMRON ENVIRONMENTAL SERVICES

Product: 826 VAP - Volatile Organics

Lab Sample ID: L9804188 14
Client Sample ID FB040798
Site/Work ID DAYTON THERMAL BUILDING 40B
Matrix Water

Dil Type N/A
COC Info N/A
Date Collected 04/07/98

Sample Weight N/A
Extract Volume N/A
% Solid N/A

TCLP Extract Date N/A
Extract Date N/A
Analysis Date 04/15/98 Time 19 56

Instrument HPMS2
Analyst SLT
Lab File ID 2CU23702

Method: 8260A
Run ID R44930

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
104-51 8	n Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90	Chlorobenzene	ug/L		ND	100	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00	Chloroethane	ug/L		ND	10	1
110-75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1,2-Dichlorobenzene	ug/L		ND	500	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	75	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	[illegible]	1
75 34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06 2	1 2-Dichloroethane	ug/L		ND	5 0	
75 35 4	1,1-Dichloroethene	ug/L		ND	[illegible] 0	-
156 59 2	cis-1 2-Dichloroethene	ug/L		ND	70	
156 60 5	trans 1 2-Dichloroethene	ug/L		ND	100	
78-87 5	1 2-Dichloropropane	ug/L		ND	5 0	-
142 28-9	1 3 Dichloropropane	ug/L		ND	5 0	
594 20-7	2,2 Dichloropropane	ug/L		ND	5 0	
10061 01-5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061 02-6	trans 1,3 Dichloropropene	ug/L		ND	5 0	1
563 58-6	1,1-Dichloropropene	ug/L		ND	5 0	1
100 41 4	Ethylbenzene	ug/L		ND	700	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87-6	p Isopropyltoluene	ug/L		ND	5 0	1
108 10-1	4-Methyl 2-pentanone	ug/L		ND	10	1
75 09-2	Dichloromethane	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1

Login #L9804186
April 20 1998 11 04 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826 VAP Volatile Organics

Lab Sample ID	L9804185 14	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	FB04C798	COC Info	N/A	Extract Volume	N/A
Site/Work ID	DAYTON THERMAL BUILDING 40B				
Matrix	Water	Date Collected:	04/07/98	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPM82	Method	8260A
Extract Date	N/A	Analyst	SLT	Run ID	R46530
Analysis Date	04/15/98 Time 13 56	Lab File ID	2CU23702		

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
103-65 1	n Propylbenzene	ug/L		ND	5 0	-
100-42 -	Styrene	ug/L		ND	100	-
630-20 6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2 Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L		ND	1000	1
87 61-6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2 4 Trichlorobenzene	ug/L		ND	70	1
71-55-6	1 1 1 Trichloroethane	ug/L		ND	200	1
79 00-5	1 1 2 Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L		ND	5 0	1
75 65-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
1330-20-7	Xylenes Total	ug/L		ND	10000	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105	(86 - 118%)
1 2 Dichloroethane d4	111	(80 - 120%)
Toluene d8	99 1	(88 - 110%)
4 Bromofluorobenzene	96 7	(86 115%)

EPA Region 5 Records Ctr
349976

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone (740) 373-4071

LBG/ Vogel
RFA-237

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Diane Byrd

PO Number
Account Number COMPUCHEM-529

Login # L9906468
Report Date 06/24/99
Work ID SC001/DAYTON THERMAL PRODUCTS
Date Received 06/19/99

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9906468-01	CP00004		

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full, without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
Dennis S Tepe

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Product 808-PCB-S - PCB's (Soil)

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HP7	Method	8082/3550
Extract Date	06/21/99	Analyst	CDB	Run ID	R68323
Analysis Date	06/22/99 Time 10 48	Lab File ID	7G1834	Batch	WG59787

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	18	1
11104-28-2	Aroclor-1221	ug/kg		ND	18	1
11141-16-5	Aroclor-1232	ug/kg		ND	18	1
53469-21-9	Aroclor-1242	ug/kg		ND	18	1
12672-29-6	Aroclor-1248	ug/kg		ND	18	1
11097-69-1	Aroclor-1254	ug/kg		ND	18	1
11096-82-5	Aroclor-1260	ug/kg		ND	18	1

SURROGATES- In Percent Recovery

2,4 5 6-Tetrachloro-m-xylene	61 9	(29 - 133%)
Decachlorobiphenyl	92 6	(30 - 173%)

Lab Sample ID	L9906468-01	Matrix	Soil	% Solid	93
Client Sample ID	CP00004	Collected	06/18/99 N/A	COC Info	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Cyanide, Total	mg/kg		ND	0 54	1	N/A	DLN	06/22/99	09 30	9010B\9014
Corrosivity pH	S U	8 58			1	N/A	DLN	06/21/99	16 15	9045
Ignitability	Degrees C	95	>		1	N/A	JWR	06/21/99	12 00	1010
Percent Solids	% wt	93		1 0	1	N/A	NLC	06/21/99	09 15	D2216-90
Reactivity Cyanide	mg/kg		ND	10	1	N/A	SJM	06/22/99	13 00	SW-846
Reactivity, Sulfide	mg/kg		ND	100	1	N/A	SJM	06/22/99	11 45	SW-846
Silver Total	mg/kg		ND	2 2	1	N/A	JYH	06/22/99	16 00	6010B\3050A
Arsenic Total	mg/kg	7 3		5 4	1	N/A	JYH	06/22/99	16 00	6010B\3050A
Barium Total	mg/kg	26		0 54	1	N/A	JYH	06/22/99	16 00	6010B\3050A
Cadmium Total	mg/kg		ND	0 54	1	N/A	JYH	06/22/99	16 00	6010B\3050A
Chromium Total	mg/kg	10		1 1	1	N/A	JYH	06/22/99	16 00	6010B\3050A
Mercury Total	mg/kg		ND	0 27	1	N/A	KRA	05/21/99	14 38	7471A\7471A
Lead Total	mg/kg	32		5 4	1	N/A	JYH	06/22/99	16 00	6010B\3050A

RL = Reporting Limit

Login #L9906468
June 24 1999 07 56 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID L9906468-01
Client Sample ID CP00004
Site/Work ID SC001/DAYTON THERMAL PRODUCTS

Matrix Soil
Collected 06/18/99 N/A

% Solid 93
COC Info N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Selenium Total	mg/kg		ND S	1 1	5	N/A	RSS	06/22/99	09 47	7740

Product: 8081P - Organochlorine Pesticides

Lab Sample ID L9906468-01
Client Sample ID CP00004
Site/Work ID SC001/DAYTON THERMAL PRODUCTS
Matrix Soil

Dil Type N/A
COC Info N/A
Date Collected 06/18/99

Sample Weight N/A
Extract Volume N/A
% Solid 93

TCLP Extract Date N/A
Extract Date 06/21/99
Analysis Date 06/22/99 Time 12 28

Instrument HP9
Analyst ECL
Lab File ID 9G5235

Method 8081A\3550B
Run ID R68322
Batch WG59783

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC	ug/kg		ND	1 8	1
319-85-7	beta-BHC	ug/kg		ND	1 8	1
319-86-8	delta-BHC	ug/kg		ND	1 8	1
76-44-8	Heptachlor	ug/kg		ND	1 8	1
309-00-2	Aldrin	ug/kg		ND	1 8	1
1024-57-3	Heptachlor epoxide	ug/kg		ND	1 8	1
959-98-8	Endosulfan I	ug/kg		ND	1 8	1
60-57-1	Dieldrin	ug/kg		ND	3 5	1
72-55-9	4,4'-DDE	ug/kg		ND	3 5	1
72-20-8	Endrin	ug/kg		ND	3 5	1
33213-65-9	Endosulfan II	ug/kg		ND	3 5	1
72-54-8	4 4'-DDD	ug/kg		ND	3 5	1
1031-07-8	Endosulfan sulfate	ug/kg		ND	3 5	1
50-29-3	4 4'-DDT	ug/kg		ND	3 5	1
72-43-5	Methoxychlor	ug/kg		ND	18	1
53494-70-5	Endrin ketone	ug/kg		ND	3 5	1
7421-93-4	Endrin aldehyde	ug/kg		ND	3 5	1
5103-71-9	alpha Chlordane	ug/kg		ND	1 8	1
5103-74-2	gamma Chlordane	ug/kg		ND	1 8	1
8001-35-2	Toxaphene	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane)	ug/kg		ND	1 8	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 8081P - Organochlorine Pesticides

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HP9	Method	8081A\3550B
Extract Date	06/21/99	Analyst	ECL	Run ID	R68322
Analysis Date	06/22/99 Time 12 28	Lab File ID	9G5235	Batch	WG59783

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery					
	2 4 5 6-Tetrachloro-m-xylene	59 3		(29 - 133%)		
	Decachlorobiphenyl	60 7		(30 - 173%)		

Product 8150-A9 - Appendix IX Herbicides

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HPI	Method	8151A\3550
Extract Date	06/21/99	Analyst	ECL	Run ID	R68316
Analysis Date	06/22/99 Time 11 23	Lab File ID	1G330	Batch	WG59782

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2 4-D	ug/kg		ND	220	1
88-85-7	Dinoseb	ug/kg		ND	15	1
93-72-1	Silvex	ug/kg		ND	43	1
93-76-5	2 4 5-T	ug/kg		ND	43	1
	SURROGATES- In Percent Recovery:					
	2 4-Dichlorophenylacetic acid	80 5		(51 - 146%)		

RL = Reporting Limit

Login #L9906468
June 24 1999 07 56 am

KEMRON ENVIRONMENTAL SERVICES

Product 827-TCL - TCL Semivolatiles

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HPMS7	Method	8270C\3550B
Extract Date	06/21/99	Analyst	MLS	Run ID	R68172
Analysis Date	06/21/99 Time 19 08	Lab File ID	7M5124	Batch	WG59796

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	180	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	180	1
95-57-8	2-Chlorophenol	ug/kg		ND	180	1
541-73-1	1 3-Dichlorobenzene	ug/kg		ND	180	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	180	1
95-50-1	1 2-Dichlorobenzene	ug/kg		ND	180	1
95-48-7	2-Methylphenol	ug/kg		ND	180	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	180	1
106-44-5	4-Methylphenol	ug/kg		ND	180	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	180	1
67-72-1	Hexachloroethane	ug/kg		ND	180	1
98-95-3	Nitrobenzene	ug/kg		ND	180	1
78-59-1	Isophorone	ug/kg		ND	180	1
88-75-5	2-Nitrophenol	ug/kg		ND	180	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	180	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	180	1
120-83-2	2 4-Dichlorophenol	ug/kg		ND	180	1
120-82-1	1 2 4-Trichlorobenzene	ug/kg		ND	180	1
91-20-3	Naphthalene	ug/kg		ND	180	1
106-47-8	4-Chloroaniline	ug/kg		ND	180	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	180	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	180	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	180	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	180	1
88-06-2	2 4,6-Trichlorophenol	ug/kg		ND	180	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	890	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	180	1
88-74-4	2-Nitroaniline	ug/kg		ND	890	1
131-11-3	Dimethylphthalate	ug/kg		ND	180	1
208-96-8	Acenaphthylene	ug/kg		ND	180	1
606-20-2	2 6-Dinitrotoluene	ug/kg		ND	180	1
99-09-2	3-Nitroaniline	ug/kg		ND	890	1
83-32-9	Acenaphthene	ug/kg		ND	180	1
51-28-5	2 4-Dinitrophenol	ug/kg		ND	890	1
100-02-7	4-Nitrophenol	ug/kg		ND	890	1
132-64-9	Dibenzofuran	ug/kg		ND	180	1
121-14-2	2 4-Dinitrotoluene	ug/kg		ND	180	1
84-66-2	Diethylphthalate	ug/kg		ND	180	1
7005-72-3	4-Chlorophenyl-phenyl ether	ug/kg		ND	180	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 827-TCL - TCL Semivolatiles

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HPMS7	Method	8270C\3550B
Extract Date	06/21/99	Analyst	MLS	Run ID	R68172
Analysis Date	06/21/99 Time 19 08	Lab File ID	7M5124	Batch	WG59796

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
86-73-7	Fluorene	ug/kg		ND	180	1
100-01-6	4-Nitroaniline	ug/kg		ND	890	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	890	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	180	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	180	1
118-74-1	Hexachlorobenzene	ug/kg		ND	180	1
87-86-5	Pentachlorophenol	ug/kg		ND	890	1
85-01-8	Phenanthrene	ug/kg		ND	180	1
120-12-7	Anthracene	ug/kg		ND	180	1
86-74-8	Carbazole	ug/kg		ND	180	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	180	1
206-44-0	Fluoranthene	ug/kg		ND	180	1
129-00-0	Pyrene	ug/kg		ND	180	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	180	1
91-94-1	3 3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	180	1
218-01-9	Chrysene	ug/kg		ND	180	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	180	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	180	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	180	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	180	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	180	1
193-39-5	Indeno(1 2 3-cd)pyrene	ug/kg		ND	180	1
53-70-3	Dibenzo(a h)Anthracene	ug/kg		ND	180	1
191-24-2	Benzo(g h i)Perylene	ug/kg		ND	180	1

SURROGATES- In Percent Recovery

2-Fluorophenol	46 5	(25 - 121%)
Phenol-d5	52 1	(24 - 113%)
Nitrobenzene-d5	57 4	(23 - 120%)
2-Fluorobiphenyl	56 5	(30 - 115%)
2 4 6-Tribromophenol	67 0	(19 - 122%)
P-Terphenyl-d14	65 2	(18 - 137%)

RL = Reporting Limit

Login #L9906468
June 24 1999 07 56 am

KEMRON ENVIRONMENTAL SERVICES

Product 826-TCL - TCL Volatiles

Lab Sample ID	L9906468-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	CP00004	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Soil	Date Collected	06/18/99	% Solid	93
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260B
Extract Date	N/A	Analyst	MES	Run ID	R68202
Analysis Date	06/22/99 Time 12 24	Lab File ID	8M9199	Batch	WG59803

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
74-87-3	Chloromethane	ug/kg		ND	11	1
74-83-9	Bromomethane	ug/kg		ND	11	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
75-00-3	Chloroethane	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5 4	1
67-64-1	Acetone	ug/kg		ND	11	1
75-15-0	Carbon disulfide	ug/kg		ND	5 4	1
75-35-4	1 1-Dichloroethene	ug/kg		ND	5 4	1
75-34-3	1 1-Dichloroethane	ug/kg		ND	5 4	1
540-59-0	1 2-Dichloroethene (Total)	ug/kg		ND	5 4	1
67-66-3	Chloroform	ug/kg		ND	5 4	1
107-06-2	1 2-Dichloroethane	ug/kg		ND	5 4	1
78-93-3	2-Butanone	ug/kg		ND	11	1
71-55-6	1 1,1-Trichloroethane	ug/kg		ND	5 4	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5 4	1
75-27-4	Bromodichloromethane	ug/kg		ND	5 4	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5 4	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5 4	1
79-01-6	Trichloroethene	ug/kg	96		5 4	1
124-48-1	Dibromochloromethane	ug/kg		ND	5 4	1
79-00-5	1 1,2-Trichloroethane	ug/kg		ND	5 4	1
71-43-2	Benzene	ug/kg		ND	5 4	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5 4	1
75-25-2	Bromoform	ug/kg		ND	5 4	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
127-18-4	Tetrachloroethene	ug/kg		ND	5 4	1
79-34-5	1 1 2,2-Tetrachloroethane	ug/kg		ND	5 4	1
108-88-3	Toluene	ug/kg		ND	5 4	1
108-90-7	Chlorobenzene	ug/kg		ND	5 4	1
100-41-4	Ethyl benzene	ug/kg		ND	5 4	1
100-42-5	Styrene	ug/kg		ND	5 4	1
1330-20-7	Xylenes Total	ug/kg		ND	5 4	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	115	(80 - 120%)
1 2-Dichloroethane-d4	117	(80 - 120%)
Toluene-d8	109	(81 - 117%)
p-Bromofluorobenzene	109	(74 - 121%)

RL Reporting Limit

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
3 N-nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m-Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX They are not always achievable for every compound and are matrix dependent

INORGANIC QA/QC

Kemron
ENVIRONMENTAL SERVICES

OHIO VALLEY LABORATORY
QUALITY CONTROL SUMMARY

WORKGROUP	WG59836	RUN DATE	6/22/09
METHOD	335 2/9010	ANALYST	DLN
MATRIX	Soil	DUPLICATE	06-466-01
UNITS:	mg/kg	SPIKE	06-466-01

			CONCENTRATION PPM							PERCENT RECOVERY						PERCENT RPD	
ANALYTE	MDL	Blank	T-LCS	LCS	REP1	REP2	SAMPLE RESULT	T-MS	MS	LCS	LCS LCL	LCS UCL	MS	MS LCL	MS UCL	REP RPD	RPD UCL
Cyanide	0 06	ND	20 00	19 164	2 94	1 17	2 94	10 00	12 646	95 82	90 00	110 00	97 06	83 00	112 00	88 13	15 00

NOTES & DEFINITIONS

RDL = REPORTING DETECTION LIMIT
DL = DILUTED OUT
NA = NOT APPLICABLE
ND =NOT DETECTED
NR = NOT REQUIRED
J = RDL > BLANK >/= MDL

LCS = LABORATORY CONTROL SAMPLE
T LCS = TRUE VALUE OF LCS
REP1 = UNSPIKED SAMPLE REPLICATE 1
REP2 = UNSPIKED SAMPLE REPLICATE 2
SAMPLE RESULT = CONCENTRATION OF UNSPIKED MATRIX
T-MS = TRUE VALUE OF MATRIX SPIKE
MS = MATRIX SPIKE
LCL = LOWER CONTROL LIMIT
UCL = UPPER CONTROL LIMIT

REP RPD = RELATIVE PERCENT DIFFERENCE OF SAMPLE REPLICATES

ORGANIC QA/QC

KEMRON
ENVIRONMENTAL SERVICES

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG59803	Run Date.	6/22/99	SMPL Num.	06-286-07	LCS DF:	1
Method:	8260B	Instrument ID	HPMS8	SMPL FLNM		SMPL DF	1
Matrix:	SOIL	BLK FLNM:	8M9194 D	MS FLNM:	8M9197 D	MS DF	1
Units	ug/Kg	LCS FLNM	8M9195 D	MSD FLNM	8M9198.D	MSD DF	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
Target Analytes	MDL ug/Kg	Blank ug/Kg	LCS ug/Kg	LCS Spike Level ug/Kg	Sample ug/Kg	MS ug/Kg	MSD ug/Kg	MS Spike Level ug/Kg	BLK %	LCS %	LCS LCL %	LCS UCL %	SMPL %	MS %	MSD %	MS LCL %	MS UCL %	MS RPD %	RPD UCL %	Blank	LCS	Sample	MS	MSD	RPD
dichlorodifluoromethane	0.31	ND	25 9	20.0	ND	22.4	22.2	20.0	ND	129 4	19.0	175.0	ND	112.2	111.0	19.0	175.0	1 1	43.0						
chloromethane	0.34	ND	21.2	20 0	ND	19.3	17 4	20 0	ND	106.2	54 0	144 0	ND	96.3	87 0	54 0	144 0	10 2	25 0						
vinyl chloride	0 39	ND	24.9	20.0	ND	21 6	20.7	20 0	ND	124.5	67.0	141 0	ND	107 8	103 7	67 0	141 0	3 9	26 0						
bromomethane	0 42	ND	24 9	20 0	ND	21.3	19 9	20 0	ND	124 5	67 0	143 0	ND	106.4	99.6	67 0	143 0	6 6	27 0						
chloroethane	0.46	ND	23.4	20 0	ND	20 6	19.0	20.0	ND	117.2	71 0	135 0	ND	102 9	94.8	71 0	135 0	8.1	24.0						
trichlorofluoromethane	0.28	ND	23 6	20 0	ND	20.0	19 7	20 0	ND	117 9	68 0	151 0	ND	100 1	98.4	68.0	151 0	1 7	24 0						
isoprene	NTC	1.5	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1,2-trichloro-1,2,2-trifluoroethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	2 49	4 67	25 6	20.0	2 76	21 9	21 7	20 0	4 7	128.2	70 0	161 0	2.76	95.8	94 5	70 0	161 0	1 1	51 0						
1 1-dichloroethene	0 19	ND	22.3	20.0	ND	19.3	18.6	20 0	ND	111.4	83.0	133 0	ND	96 7	93.2	83 0	133 0	3 7	16 0						
dimethyl sulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	2 21	ND	24 4	20 0	ND	22 5	21.2	20 0	ND	122.2	70 0	130 0	ND	112.5	106.2	70 0	130 0	5 8	17 0						
carbon disulfide	0.59	ND	22 6	20.0	ND	16.0	15.2	20.0	ND	113 1	65 0	135.0	ND	80 1	76.0	65 0	135 0	5.3	19 0						
acrylonitrile	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,2-dichloroethene	0.23	ND	24.3	20 0	ND	20.0	19 3	20 0	ND	121.3	81 0	145 0	ND	100 0	96 5	81 0	145 0	3 6	15 0						
n-hexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
vinyl acetate	0 51	ND	26 0	20 0	ND	9.3	5 9	20 0	ND	130 2	10 0	156 0	ND	46.6	29 7	10 0	156 0	44.3	155 0						
1 1-dichloroethane	0 21	ND	22.5	20.0	ND	19 7	18.9	20 0	ND	112.7	86.0	126.0	ND	98.4	94.3	86.0	126 0	4.3	16.0						
2-butanone	0 59	ND	22.5	20 0	ND	17 6	16.4	20 0	ND	112 7	39 0	159 0	ND	88.2	81 9	39 0	159 0	7 4	47 0						
2,2-dichloropropane	0.20	ND	23 0	20 0	ND	19.6	19 1	20.0	ND	115.2	70 0	134.0	ND	98.0	95.3	70 0	134.0	2.8	20 0						
cis-1,2-dichloroethene	0 19	ND	22 5	20 0	ND	19 5	18 7	20 0	ND	112 5	78 0	129 0	ND	97.6	93 6	78 0	129 0	4 1	16 0						
chloroform	0.17	ND	22.8	20.0	ND	19 7	19.2	20.0	ND	114 0	81 0	126.0	ND	98.4	96.2	81 0	126.0	2.3	15 0						
bromochloromethane	0.31	ND	23 4	20 0	ND	20 1	19 4	20 0	ND	116 8	81 0	129.0	ND	100.3	97 1	81 0	129 0	3.2	15 0						
1 1 1-trichloroethane	0 18	ND	23.0	20 0	ND	19 4	18.6	20 0	ND	115 1	77.0	130 0	ND	97.2	92.8	77 0	130 0	4.6	17 0						
cyclohexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-dichloropropene	0 18	ND	25.2	20 0	ND	19 8	18.7	20 0	ND	125.8	92.0	136.0	ND	98 9	93 5	92.0	136.0	5 6	15 0						
carbon tetrachloride	0 17	ND	23 4	20 0	ND	18 7	18.4	20 0	ND	117 0	76 0	132.0	ND	93.3	91 8	76 0	132 0	1 7	19 0						
1,2-dichloroethane	0 16	ND	22 5	20.0	ND	19.5	18 7	20.0	ND	112.4	78 0	128.0	ND	97 7	93 5	78.0	128.0	4.3	16 0						
benzene	0 18	ND	22 5	20 0	ND	19 0	18.6	20 0	ND	112 7	86 0	122 0	ND	95.0	93 0	86 0	122 0	2 1	15 0						
trichloroethene	0 19	ND	23.2	20.0	ND	18.1	17.4	20 0	ND	116 1	84.0	125 0	ND	90 7	87 2	84.0	125 0	3 9	15.0						
1,2-dichloropropane	0 15	ND	21 8	20 0	ND	18 8	18.6	20 0	ND	109 1	83 0	125 0	ND	94.2	93 0	83 0	125 0	1.3	15 0						
bromodichloromethane	0.15	ND	22.4	20.0	ND	19 1	18.3	20 0	ND	112.0	80 0	130 0	ND	95.3	91 5	80 0	130 0	4 1	15 0						
dibromomethane	0.27	ND	22.7	20 0	ND	18 5	18.2	20 0	ND	113.3	80 0	127 0	ND	92.3	90 8	80 0	127 0	1 6	15 0						
2-chloroethylvinyl ether	0 59	ND	13 1	20.0	ND	10 0	8.5	20 0	ND	65.3	50.0	154.0	ND	50.0	42.4	50.0	154.0	16.6	15 0					L	H
4-methyl-2-pentanone	0 49	ND	22 4	20 0	ND	17 0	16.2	20 0	ND	111 9	48 0	158 0	ND	85 1	81.2	48 0	158 0	4 6	42 0						
cis-1,3-dichloropropene	0.30	ND	23.2	20 0	ND	19 1	18 4	20.0	ND	116 1	85 0	127.0	ND	95.6	92 1	85 0	127 0	3 7	15 0						
dimethyl disulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.36	ND	22.1	20.0	ND	17.6	17 1	20.0	ND	110 7	85.0	123.0	ND	88 0	85 4	85 0	123 0	3.0	15.0						
ethyl methacrylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.34	ND	20.2	20.0	ND	16.2	15.5	20.0	ND	101.2	82.0	124 0	ND	81 0	77 7	82.0	124 0	4.2	15 0				L	L	
1 1,2 trichloroethane	0 54	ND	21 5	20 0	ND	17 5	17.2	20 0	ND	107 4	82.0	126 0	ND	87 4	86 0	82 0	126 0	1 6	16 0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #	WG59803	Run Date.	6/22/99	SMPL Num.	06-286-07	LCS DF	1
Method	8260B	Instrument ID	HPMS8	SMPL FLNM.		SMPL DF:	1
Matrix	SOIL	BLK FLNM	8M9194 D	MS FLNM.	8M9197.D	MS DF	1
Units	ug/Kg	LCS FLNM	8M9195.D	MSD FLNM	8M9198.D	MSD DF	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spike Level	SMPL	MS	MSD	MS Spike Level	BLK	LCS	LCS LCL	LCS UCL	SMPL	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%	%	%	%						
2 hexanone	0 60	ND	18.3	20.0	ND	13 0	12.3	20.0	ND	91.5	38.0	130.0	ND	64.8	61.3	38.0	130 0	5.5	51 0						
1,3-dichloropropane	0.35	ND	21.2	20.0	ND	17.3	17.2	20 0	ND	105 8	84 0	104.0	ND	86.3	85 8	84 0	104 0	0 6	15 0		H				
tetrachloroethene	0.24	ND	22 1	20 0	ND	14.6	14.6	20.0	ND	110 7	83.0	126.0	ND	73.2	73 1	83.0	126.0	0.2	15 0				L	L	
dibromochloromethane	0 47	ND	21 4	20 0	ND	16 9	16.3	20 0	ND	107 0	82 0	126.0	ND	84 4	81 6	82 0	126 0	3 4	17 0					L	
1,2-dibromoethane	0.38	ND	21 4	20.0	ND	16.5	16 1	20.0	ND	107.2	81.0	128.0	ND	82.3	80 7	81 0	128.0	2.0	17 0					L	
1-chlorohexane	NTC	ND	21 1	20 0	ND	12 4	12 4	20 0	ND	105 5	60 0	140.0	ND	61 8	62 1	60 0	140 0	0.4	NA						
chlorobenzene	0.23	ND	21.6	20.0	ND	15.5	15.1	20 0	ND	107 8	86.0	125 0	ND	77.5	75.3	86.0	125 0	2.8	15.0				L	L	
1 1 1,2-tetrachloroethane	0 24	ND	22 1	20 0	ND	17 1	16 8	20 0	ND	110 5	83 0	127 0	ND	85 7	84 1	83 0	127 0	1 9	15 0						
ethylbenzene	0.22	ND	22.3	20 0	ND	15 7	15 1	20 0	ND	111.3	86.0	125 0	ND	78 7	75.3	86.0	125 0	4.4	15.0				L	L	
m+p-xylene	0 43	ND	44 6	40 0	ND	30.6	29.4	40 0	ND	111 6	86 0	123 0	ND	76 5	73.5	86 0	123 0	4 0	15 0				L	L	
o-xylene	0.26	ND	22.3	20 0	ND	16.3	15.3	20.0	ND	111 4	87 0	124.0	ND	81.3	76 7	87 0	124.0	5 8	15 0				L	L	
styrene	0.28	ND	22.4	20 0	ND	15 1	14 7	20 0	ND	112.2	83 0	124 0	ND	75 4	73.3	83 0	124.0	2 9	15 0				L	L	
bromoform	0 16	ND	20.2	20.0	ND	14.9	14 8	20.0	ND	101 2	64 0	132.0	ND	74 7	73 8	64.0	132.0	1 1	24 0						
isopropylbenzene	0 19	ND	21 9	20 0	ND	13 6	13 0	20.0	ND	109 4	85 0	124.0	ND	68 0	64 9	85 0	124 0	4 6	15 0				L	L	
1 1,2,2-tetrachloroethane	0.22	ND	21.5	20.0	ND	16 1	16 1	20 0	ND	107 7	72.0	140.0	ND	80 6	80.5	72.0	140 0	0 1	22.0						
1,2,3-trichloropropane	0 50	ND	21.2	20 0	ND	16 5	16 1	20 0	ND	105 9	70 0	144 0	ND	82 4	80 3	70 0	144 0	2 6	24 0						
trans-1 4-dichloro-2-butene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	20 0						
propyl-benzene	0 24	ND	23 1	20 0	ND	12 9	12 4	20 0	ND	115 4	84 0	126 0	ND	64 7	62 1	84 0	126 0	4 2	15 0				L	L	
bromobenzene	0 21	ND	21 1	20 0	ND	13 6	13 4	20.0	ND	105.5	85.0	121.0	ND	67 9	66.8	85 0	121 0	1 6	15 0				L	L	
1,3 5-trimethylbenzene	0 25	ND	22 9	20 0	ND	13 0	12.2	20 0	ND	114 5	86 0	124 0	ND	65 0	61.2	86 0	124.0	6 0	15 0				L	L	
2-chlorotoluene	0.35	ND	21 8	20 0	ND	13 1	12 3	20.0	ND	109 0	81 0	127 0	ND	65.5	61 4	81 0	127 0	6 5	15 0				L	L	
4-chlorotoluene	0.38	ND	21 8	20 0	ND	12 5	12 0	20 0	ND	109 0	84 0	125 0	ND	62 4	60.2	84 0	125 0	3 5	15 0				L	L	
alpha-methyl-styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.27	ND	23.2	20 0	ND	11.2	11 8	20 0	ND	115 8	83 0	125 0	ND	56 0	58 8	83 0	125 0	5 0	15 0				L	L	
1,2 4-trimethylbenzene	0.27	ND	22 9	20.0	ND	12.9	12 1	20.0	ND	114.4	87 0	124.0	ND	64.6	60 3	87.0	124.0	7 0	18.0				L	L	
sec-butyl-benzene	0.24	ND	22.3	20 0	ND	10 8	10 1	20 0	ND	111 5	83 0	126 0	ND	54 0	50 7	83 0	126 0	6 2	15 0				L	L	
p-isopropyl-toluene	0.23	ND	21 7	20.0	ND	10 8	9 9	20 0	ND	108.7	83 0	122 0	ND	53.8	49 4	83 0	122.0	8.6	15.0				L	L	
1,3-dichlorobenzene	0.23	ND	20.8	20 0	ND	11.2	10.3	20 0	ND	104 2	85 0	121 0	ND	55 8	51 7	85 0	121 0	7 5	15 0				L	L	
1,4-dichlorobenzene	0.22	0.2	23.2	20.0	ND	12 7	11.6	20 0	0.2	116 1	84 0	119 0	ND	63.4	57.9	84 0	119 0	9.2	15 0				L	L	
n-butyl-benzene	0.29	ND	22 9	20 0	ND	9 8	8 7	20 0	ND	114 3	81 0	128 0	ND	49 0	43 5	81 0	128 0	11 8	15 0				L	L	
1,2-dichlorobenzene	0.27	ND	20.2	20 0	ND	10 5	10 1	20 0	ND	100 8	86.0	123 0	ND	52.4	50.3	86.0	123 0	4.2	15 0				L	L	
1,2-dibromo-3-chloropropane	0 42	ND	18 8	20 0	ND	12 1	12 1	20 0	ND	93 8	51 0	151 0	ND	60.5	60 4	51 0	151 0	0.2	38 0						
1,2,4-trichlorobenzene	0.28	ND	19 7	20 0	ND	6 9	5 6	20.0	ND	98.5	74 0	126 0	ND	34.3	28 1	74.0	126.0	19.9	26 0				L	L	
hexachlorobutadiene	0 40	ND	20 9	20 0	ND	7 4	5 6	20 0	ND	104.3	73.0	131 0	ND	36 8	28 1	73.0	131 0	26 7	46 0				L	L	
naphthalene	0 90	ND	17.8	20 0	ND	6.8	6.1	20.0	ND	88 8	61 0	142.0	ND	33.9	30.3	61 0	142.0	11 1	25 0				L	L	
1,2,3-trichlorobenzene	0.33	ND	17 6	20 0	ND	5.5	4 5	20 0	ND	87 9	72 0	130 0	ND	27 6	22 7	72 0	130 0	19 5	18 0				L	L	H
Surrogates																									
dibromofluoromethane		55 9	56.8	50 0	57 6	58.2	58 6	50.0	111 8	113 7	80	120	115 3	116.4	117.2										
1,2-dichloroethane-d4		56 7	57 4	50 0	59 1	58 0	58 8	50 0	113.3	114 8	70	121	118 2	116 0	117 6										
toluene-d8		54.3	52 8	50.0	54 2	53 2	52 7	50.0	108 5	105 6	81	117	108.3	106.4	105.3										
p-bromofluorobenzene		54 8	54 9	50 0	54 2	55 5	54 7	50 0	109 7	109 9	74	121	108 4	111 0	109.3										

Notes and Definitions

MDL= Method Detection Limit
BLK= Method Blank
LCS Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate

LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit

ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable

DF=Dilution Factor

KEMRON ENVIRONMENTAL SERVICES OVL
SEMI VOLATILES QUALITY CONTROL SUMMARY

ANAL WORK GRP	WG59796	EXT DATE	6/21/99	RUN DATE	6/21/99	INSTRUMENT	HPMS7
METHOD	8270	BENCH SHEET	V117P189	SMPL ID	L9906468-01	ANALYST	MLS
MATRIX	SOIL	BLK FLNM	7M5122	SMPL FLNM	7M5124		
CONCENTRATION UNITS	UG/KG	LCS FLNM	7M5123	MS FLNM	7M5125		
PREP WORK GRP	WG59704			MSD FLNM	7M5126		

		CONCENTRATION , ug / Kg							PERCENT RECOVERY , %									PERCENT		BEYOND LIMITS				
ANALYTE	RDL	BLANK	LCS SPIKE ADDED	LCS	SAMPLE	MS SPIKE ADDED	MS	MSD	BLANK	LCS	LCS LCL	LCS UCL	SAMPLE	MS	MSD	MS LCL	MS UCL	% RPD	RPD LIMIT	RPD > LIMIT	SAMPLE	BLANK	LCS	MS	MSD
PYRIDINE	165	ND	1667	121	ND	1667	541	471	NA	7 3	25	150	NA	32 5	28 3	25	150	14	40						
N-NITROSODIMETHYLAMINE	165	ND	1667	1048	ND	1667	742	709	NA	62 9	25	150	NA	44.5	42 5	25	150	5	40				L		
ANILINE	165	ND	1667	459	ND	1667	691	603	NA	27 5	25	150	NA	41 5	36.2	25	150	14	40						
PHENOL	165	ND	1667	1188	ND	1667	877	844	NA	71 9	25	135	NA	52.8	50 6	25	135	4	40						
BIS(2-CHLOROETHYL)ETHER	165	ND	1667	1030	ND	1667	812	733	NA	61 8	34	135	NA	48 7	43 9	34	135	10	40						
2-CHLOROPHENOL	165	ND	1667	1160	ND	1667	842	815	NA	69 6	31	135	NA	50.5	48 9	31	135	3	40						
1 3-DICHLOROBENZENE	165	ND	1667	1127	ND	1667	841	807	NA	67 6	26	135	NA	50 4	48 4	26	135	4	40						
1 4-DICHLOROBENZENE	165	ND	1667	1118	ND	1667	819	814	NA	67 0	25	135	NA	49.2	48 9	25	135	1	40						
BENZYL ALCOHOL	165	ND	1667	1297	ND	1667	928	900	NA	77 8	25	135	NA	55 7	54 0	25	135	3	40						
1,2-DICHLOROBENZENE	165	ND	1667	1127	ND	1667	842	822	NA	67 6	32	135	NA	50.5	49 3	32	135	2	40						
2 METHYLPHENOL	165	ND	1667	1205	ND	1667	863	845	NA	72 3	25	135	NA	51 8	50 7	25	135	2	40						
BIS(2-CHLOROISOPROPYL)ETHER	165	ND	1667	1087	ND	1667	779	756	NA	65.2	26	176	NA	46.8	45 4	26	175	3	40						
3- & 4 METHYLPHENOL	165	ND	1667	1272	ND	1667	888	884	NA	76 3	25	135	NA	53 3	53 0	25	135	0	40						
N NITROSO-DI-N-PROPYLAMINE	165	ND	1667	1163	ND	1667	848	817	NA	70 9	27	135	NA	50.9	49.0	27	135	4	40						
HEXACHLOROETHANE	165	ND	1667	1178	ND	1667	862	839	NA	70 7	25	163	NA	51 7	50 3	25	163	3	40						
NITROBENZENE	165	ND	1667	1212	ND	1667	904	887	NA	72 7	36	143	NA	54.3	53.2	36	143	2	40						
ISOPHORONE	165	ND	1667	1288	ND	1667	900	891	NA	77 3	25	175	NA	54 0	53 5	25	175	1	40						
2-NITROPHENOL	165	ND	1667	1293	ND	1667	994	983	NA	77 6	34	135	NA	59.6	59.0	34	135	1	40						
2 4-DIMETHYLPHENOL	165	ND	1667	1365	ND	1667	965	944	NA	81 9	35	149	NA	57 9	56 7	35	149	2	40						
BIS(2-CHLOROETHOXY)METHANE	165	ND	1667	1202	ND	1667	872	847	NA	72.1	39	135	NA	52.3	50.8	39	135	3	40						
BENZOIC ACID	825	ND	1667	1651	ND	1667	608	624	NA	99 0	25	172	NA	36 5	37 4	25	172	3	40						
2,4-DICHLOROPHENOL	165	ND	1667	1333	ND	1667	974	963	NA	80.0	36	135	NA	58.4	57 8	36	135	1	40						
1 2 4 TRICHLOROBENZENE	165	ND	1667	1223	ND	1667	929	922	NA	73 4	34	152	NA	55 8	55 3	34	152	1	40						
NAPHTHALENE	165	ND	1667	1174	ND	1667	884	870	NA	70 5	40	135	NA	53.0	52.2	40	135	2	40						
4-CHLOROANILINE	165	ND	1667	827	ND	1667	848	819	NA	49 6	35	146	NA	50 9	49.2	35	146	3	40						
HEXACHLOROBUTADIENE	165	ND	1667	1261	ND	1667	954	918	NA	75 7	26	135	NA	57 2	55 1	26	135	4	40						
4-CHLORO-3-METHYLPHENOL	165	ND	1667	1398	ND	1667	1052	1048	NA	83 7	34	135	NA	63 1	62 9	34	135	0	40						
2-METHYLNAPHTHALENE	165	ND	1667	1262	ND	1667	956	948	NA	75 7	31	135	NA	57 3	56 9	31	135	1	40						
HEXACHLOROCYCLOPENTADIENE	165	ND	1667	1293	ND	1667	750	729	NA	77 6	31	135	NA	45 0	43 7	31	135	3	40						
2,4,6-TRICHLOROPHENOL	165	ND	1667	1381	ND	1667	1047	1053	NA	82 9	29	138	NA	62.8	63.2	29	138	1	40						
2 4 5-TRICHLOROPHENOL	165	ND	1667	1433	ND	1667	1106	1102	NA	86 0	25	175	NA	66 4	66 1	25	175	0	40						
2-CHLORONAPHTHALENE	165	ND	1667	1231	ND	1667	898	910	NA	73 9	50	135	NA	53.7	54 6	50	135	2	40						
2-NITROANILINE	825	ND	1667	1480	ND	1667	1082	1088	NA	88 8	40	135	NA	64 9	65 3	40	135	1	40						
DIMETHYLPHTHALATE	165	ND	1667	1321	ND	1667	983	949	NA	79 3	25	175	NA	57.8	57 0	25	175	1	40						
ACENAPHTHYLENE	165	ND	1667	1264	ND	1667	931	943	NA	75 8	37	135	NA	55 8	56 6	37	135	1	40						
2,6-DINITROTOLUENE	165	ND	1667	1537	ND	1667	1127	1129	NA	92.2	41	135	NA	67.8	67 7	41	135	0	40						
3-NITROANILINE	825	ND	1667	1537	ND	1667	1093	1111	NA	92 2	41	135	NA	65 6	66 7	41	135	2	40						
ACENAPHTHENE	165	ND	1667	1333	ND	1667	968	969	NA	80 0	39	135	NA	58 1	58 1	39	135	0	40						
2 4-DINITROPHENOL	825	ND	1667	2089	ND	1667	854	831	NA	125 3	25	161	NA	51.2	49 9	25	161	3	40						
4-NITROPHENOL	825	ND	1667	1600	ND	1667	1192	1122	NA	96 0	25	141	NA	71.5	67 3	25	141	6	40						
DIBENZOFURAN	165	ND	1667	1309	ND	1667	1020	1019	NA	78 6	42	135	NA	61.2	61.2	42	135	0	40						
2 4-DINITROTOLUENE	165	ND	1667	1537	ND	1667	1127	1129	NA	92.2	29	149	NA	67.8	67 7	29	149	0	40						

KEMRON ENVIRONMENTAL SERVICES OVL
SEMI VOLATILES QUALITY CONTROL SUMMARY

ANAL WORK GRP	WG59796	EXT DATE	6/21/99	RUN DATE	6/21/99	INSTRUMENT	HPMS7
METHOD	8270	BENCH SHEET	V117P189	SMPL ID	L9906468-01	ANALYST	MLS
MATRIX	SOIL	BLK FLNM	7M5122	SMPL FLNM	7M5124		
CONCENTRATION UNITS	UG/KG	LCS FLNM	7M5123	MS FLNM	7M5125		
PREP WORK GRP	WG59704			MSD FLNM	7M5126		

ANALYTE	RDL	CONCENTRATION, ug/Kg BLANK	LCS SPIKE ADDED	LCS	SAMPLE	MS SPIKE ADDED	MS	MSD	PERCENT RECOVERY, % BLANK	LCS	LCS LCL	LCS UCL	SAMPLE	MS	MSD	MS LCL	MS UCL	PERCENT % RPD	RPD LIMIT	RPD LIMIT	BEYOND LIMITS SAMPLE	BLANK	LCS	MS	MSD
DIETHYLPHTHALATE	165	ND	1667	1366	ND	1667	1013	992	NA	81 9	27	135	NA	60 8	59 5	27	135	2	40						
FLUORENE	165	ND	1667	1323	ND	1667	1020	1010	NA	79 4	38	149	NA	61.2	60 6	38	149	1	40						
4-CHLOROPHENYL-PHENYL ETHE	165	ND	1667	1302	ND	1667	999	972	NA	78 1	41	142	NA	59 9	58 3	41	142	3	40						
4-NITROANILINE	825	ND	1667	1542	ND	1667	1058	1056	NA	92 5	30	153	NA	63.5	63 3	30	153	0	40						
1 2 DIPHENYLHYDRAZINE	165	ND	1667	1254	ND	1667	936	903	NA	75 3	25	150	NA	56.2	54 2	25	150	4	40						
4 6-DINITRO-2-METHYLPHENOL	825	ND	1667	1869	ND	1667	1048	1010	NA	112 1	34	135	NA	62.9	60 6	34	135	4	40						
N-NITROSODIPHENYLAMINE **	165	ND	1667	1342	ND	1667	1066	1046	NA	80 5	25	135	NA	64 0	62 8	25	135	2	40						
4-BROMOPHENYL-PHENYL ETHE	165	ND	1667	1321	ND	1667	1026	994	NA	79 3	43	137	NA	61 6	59 7	43	137	3	40						
HEXACHLOROBENZENE	165	ND	1667	1312	ND	1667	983	945	NA	78 7	36	143	NA	59 0	56 7	36	143	4	40						
PENTACHLOROPHENOL	825	ND	1667	1660	ND	1667	1048	1042	NA	99.6	38	146	NA	62 8	62.5	38	146	0	40						
PHENANTHRENE	165	ND	1667	1378	ND	1667	1146	1121	NA	82 7	44	135	NA	68 8	67.2	44	135	2	40						
ANTHRACENE	165	ND	1667	1349	ND	1667	1028	1019	NA	80.9	35	175	NA	61 7	61 1	35	175	1	40						
CARBAZOLE	165	ND	1667	1848	ND	1667	1549	1527	NA	110 9	25	150	NA	92 9	91 6	25	150	1	40						
DI-N BUTYLPHTHALATE	165	ND	1667	1381	ND	1667	1024	960	NA	82.9	25	136	NA	61 4	58.6	25	136	6	40						
FLUORANTHENE	165	ND	1667	1411	ND	1667	1069	1053	NA	84 6	37	135	NA	64 1	63.2	37	135	1	40						
PYRENE	165	ND	1667	1447	ND	1667	1116	1113	NA	88.8	37	146	NA	67 0	66 8	37	146	0	40						
BUTYLBENZYLPHTHALATE	165	ND	1667	1417	ND	1667	1038	1005	NA	85 0	25	135	NA	62 3	60 3	25	135	3	40						
BENZO(A)ANTHRACENE	330	ND	1667	1441	ND	1667	1098	1072	NA	86.5	41	143	NA	65.9	64 3	41	143	2	40						
3 3'-DICHLOROBENZIDINE	165	ND	1667	1082	ND	1667	1029	941	NA	64 9	25	175	NA	61 7	56 5	25	175	9	40						
CHRYSENE	165	ND	1667	1448	ND	1667	1112	1088	NA	86 9	46	143	NA	66.7	65 3	46	143	2	40						
BIS(2 ETHYLHEXYL)PHTHALATE	165	ND	1667	1461	ND	1667	1197	1159	NA	87 7	25	139	NA	71 8	69 5	25	139	3	40						
DI-N-OCTYLPHTHALATE	165	ND	1667	1450	ND	1667	1215	1181	NA	87 0	28	137	NA	72.9	70 8	28	137	3	40						
BENZO(B)FLUORANTHENE	165	ND	1667	1332	ND	1667	1113	996	NA	79 9	27	135	NA	66 8	59 8	27	135	11	40						
BENZO(K)FLUORANTHENE	165	ND	1667	1443	ND	1667	1205	1077	NA	86 6	25	150	NA	72.3	64 6	25	150	11	40						
BENZO(A)PYRENE	165	ND	1667	1408	ND	1667	1111	1086	NA	84 5	31	135	NA	66 6	65 1	31	135	2	40						
INDENO(1,2 3-CD)PYRENE	165	ND	1667	1422	ND	1667	939	878	NA	85 3	25	170	NA	56 3	52 7	25	170	7	40						
DIBENZ(A,H)ANTHRACENE	165	ND	1667	1508	ND	1667	989	930	NA	90 5	40	135	NA	59 3	55 8	40	135	6	40						
BENZO(G H I)PERYLENE	165	ND	1667	1347	ND	1667	818	747	NA	80 8	25	159	NA	49.0	44 8	25	159	9	40						
SURROGATES																									
2 FLUOROPHENOL		2232	3333	2104	1549	3333	1481	1454	66 97	63 12	25	121	46 47	44 42	43 63	25	121								
PHENOL D5		2482	3333	2358	1738	3333	1701	1657	74.47	70.75	24	113	52 13	51.04	49 70	24	113								
NITROBENZENE D5		1353	1667	1285	957	1667	929	908	81 17	77 09	23	120	57 39	55 71	54 51	23	120								
2-FLUOROBIPHENYL		1358	1667	1257	941	1667	892	910	81.49	75.45	30	115	56 49	53 49	54 62	30	115								
2 4 6-TRIBROMOPHENOL		2822	3333	2762	2232	3333	2179	2150	84 68	82 85	19	122	66 97	65 38	64 49	19	122								
p-TERPHENYL D14		1488	1667	1430	1087	1667	1055	1035	89 31	85.78	18	137	65.20	63.28	62 11	18	137								

NOTES & DEFINITIONS
NA = NOT APPLICABLE
ND NOT DETECTED
RDL REPORTING DETECTION LIMIT
NS = NOT SPIKED
L below QC limit
H=above QC limit
RPD above limit

Order # 99 06-468
June 24 1999 07 56 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG59683	R68322	L9906468 01		Soil	Organochlorine Pesticides	8081A\3550B	18 JUN 1999	Extraction
WG59684	R68323	L9906468 01		Soil	PCB s (Soil)	8082/3550	18 JUN 1999	Extraction
WG59700	R68178	L9906468 01		Soil	Percent Solids	D2216 90	18 JUN 1999	Conventionals
WG59704	R68172	L9906468 01		Soil	TCL Semivolatiles	8270C\3550B	18 JUN 1999	Extraction
WG59728	R68098	L9906468 01		Soil	Mercury Total	7471A\7471A	18 JUN 1999	Digestion
WG59731	R68206	L9906468 01		Soil	Selenium Total	7740	18 JUN 1999	Digestion
WG59735	R68316	L9906468 01		Soil	Appendix IX Herbicides	8151A\3550	18 JUN 1999	Extraction
WG59746	R68111	L9906468 01		Soil	Ignitability	1010	18 JUN 1999	Conventionals
WG59749	R68098	L9906468 01		Soil	Mercury Total	7471A\7471A	18 JUN 1999	Metals AA
WG59767	R68141	L9906468 01		Soil	Corrosivity pH	9045	18 JUN 1999	Conventionals
WG59782	R68316	L9906468 01		Soil	Appendix IX Herbicides	8151A\3550	18 JUN 1999	Semivolatile GC
WG59783	R68322	L9906468 01		Soil	Organochlorine Pesticides	8081A\3550B	18 JUN 1999	Semivolatile GC
WG59787	R68323	L9906468 01		Soil	PCB s (Soil)	8082/3550	18 JUN 1999	Semivolatile GC
WG59796	R68172	L9906468 01		Soil	TCL Semivolatiles	8270C\3550B	18 JUN 1999	Semivolatile GC/MS
WG59803	R68202	L9906468 01		Soil	TCL Volatiles	8260B	18 JUN 1999	Volatile GC/MS
WG59804	R68205	L9906468 01		Soil	Arsenic Total	6010B\3050A	18 JUN 1999	Digestion
WG59804	R68205	L9906468 01		Soil	Barium Total	6010B\3050A	18 JUN 1999	Digestion
WG59804	R68205	L9906468 01		Soil	Cadmium Total	6010B\3050A	18 JUN 1999	Digestion
WG59804	R68205	L9906468 01		Soil	Chromium Total	6010B\3050A	18 JUN 1999	Digestion
WG59804	R68205	L9906468 01		Soil	Lead Total	6010B\3050A	18 JUN 1999	Digestion
WG59804	R68205	L9906468 01		Soil	Silver Total	6010B\3050A	18 JUN 1999	Digestion
WG59809	R68160	L9906468 01		Soil	Reactivity Sulfide	SW 846	18 JUN 1999	Conventionals
WG59811	R68206	L9906468 01		Soil	Selenium Total	7740	18 JUN 1999	Metals AA
WG59815	R68161	L9906468 01		Soil	Reactivity Cyanide	SW 846	18 JUN 1999	Conventionals
WG59834	R68205	L9906468 01		Soil	Arsenic Total	6010B\3050A	18 JUN 1999	Metals ICP
WG59834	R68205	L9906468 01		Soil	Barium Total	6010B\3050A	18 JUN 1999	Metals ICP

Order # 99 06-468
June 24 1999 07 56 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG59834	R68205	L9906468 01		Soil	Cadmium Total	6010B\3050A	18 JUN 1999	Metals ICP
WG59834	R68205	L9906468 01		Soil	Chromium Total	6010B\3050A	18 JUN 1999	Metals ICP
WG59834	R68205	L9906468 01		Soil	Lead Total	6010B\3050A	18 JUN 1999	Metals ICP
WG59834	R68205	L9906468 01		Soil	Silver Total	6010B\3050A	18 JUN 1999	Metals ICP
WG59836	R68212	L9906468 01		Soil	Cyanide Total	9010B\9014	18 JUN 1999	Conventionals

KEMRON ANALYST LIST

Ohio Valley Laboratory

05/25/99

ALC	Ann L Clark
BAD	Becky A. Diehl
CAR	Caleb A. Robinson
CBN	C Brian Noll
CEB	Chad E Barnes
CDB	Christy D Burton
CMS	Crystal M Stevens
CRC	Carla R Cochran
DIH	Deanna I Hesson
DLN	Deanna L Norton
DLP	Dorothy L Payne
ECL	Eric C Lawson
FEH	Fay E Harmon
GWH	George W Hutchinson
HLC	Holly L Currey
HV	Hema Vilasagar
JCR	Jennifer C Randall
JLH	Janice L Holland
JWR	John W Richards
JYH	Ji Y Hu
KAS	Kevin A Stutler
KHA	Kim H Archer
KJS	Kara J Stump
KRA	Kathy R Albertson
LKM	Laura K Morris
MDA	Mike D Albertson
MDC	Michael D Cochran
MES	Mary E Schiling
MLS	Michael L Schimmel
MMB	Maren M Beery
NLC	Nicole L Currey
RDC	Rebecca D Cutlip
RDS	Rebecca D Sutton
REF	Ron E Fertile
REK	Robert E Kyer
RSS	Regina S Simmons
RWC	Rodney W Campbell
SJK	Sindy J Kinney
SJM	Shawn J Marshall
SLP	Sheri L Pfalzgraf
SLT	Stephanie L Tepe
SMW	Shauna M Welch
SPL	Steve P Learn
SPS	Steve P Swatzel
TRS	Todd R Stack
VC	Vicki Collier
VMN	Vincent M Nedeff

CHRYSLER CORPORATION

New cooling tower excavated soils in 4 rolloffs north of Power House

Chain-of-Custody

04441 A

CompuChem Kemron Marietta, OH 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name: Dayton Thermal Products Site Location: 1600 Webster St Dayton OH 45414 Site Code: SC001 RFA Number: YGQP9900237 Chrysler PM: Gary Stanczuk	Consultant: Leggette Brashears & Graham, Inc. Address: 1210 West County Road E St. Paul, MN 55112 Consultant PM: Ken Vogel Phone: 651-490-1405 Fax: 651 490 1006

Turn-around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil
SW Surface Water
GW Groundwater
A - Air
Sed Sediment
O Other (specify)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC	SVOC	Pesticides	Herbicides	PCBs	Cyanide	RCRA Metals	Reactivity Corrosivity, Ignitability	TCLP Extract	Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
CP00004	6/18/99	1700	C	S	11	x	x	x	x	x	x	x	x	x					

This is a resample of CP00003 collected 6/17/99 but possibly lost by Federal Express because no delivery on 6/18/99
Do NOT analyze if Federal Express delivers previously sent samples, Airbill# 810581589064
unless they do not meet QA/QC temperature requirements ± 4°C

CQC Sealed
SXS intact

Sampler(s)	Bottles Reliquished under Airbill No. NA			Samples Relinquished under Airbill No. 810581589101			Temperature (corrected) 5° C (bdg)
Dave Olson Chris Hoffman	Relinquished by: David Strand	Date: 6/18/99	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
	Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Cooler ID #	Relinquished by:	Date:	Time:	Received for Laboratory by: Brenda Gregory	Date: 6/21/99	Time: 0830 (*)	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes N							

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

(*) SXS rec'd 6/19/99 & stored in locked cooler over weekend (bdg)

Page 1 of 1

Revision No 1
Created September 23 1997

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary, NC 27513

FAX COVER SHEET

Date 6-23-99

To Ken Vogel

LBG

Fax 651-490-1000

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE Dayton Thermal

Number of pages including the cover sheet 8

Message

DAYTON THERMAL PRODUCTS
DAYTON, OHIO

ROLL-OFF SOIL SAMPLING
GENERATED NORTH OF POWER HOUSE FOR NEW COOLING TOWER

VOLATILE ORGANIC COMPOUNDS Units are in Micrograms per Kilogram (ug/Kg)

Sample Location	Date Collected	Trichloro-ethene
VAP RESIDENTIAL LIMITS ug/Kg		77 000
VAP INDUSTRIAL LIMITS ug/Kg		330 000
CP00004	06/18/1999	96

SEMI-VOLATILE ORGANIC COMPOUNDS

NO SVOCs WERE DETECTED ABOVE THE LABORATORY METHOD DETECTION LIMIT

PCBs:

NO PCBs WERE DETECTED ABOVE THE LABORATORY METHOD DETECTION LIMIT

PESTICIDES

NO PESTICIDES WERE DETECTED ABOVE THE LABORATORY METHOD DETECTION LIMIT

HERBICIDES

NO HERBICIDES WERE DETECTED ABOVE THE LABORATORY METHOD DETECTION LIMIT

INORGANICS Units are in Milligrams per Kilogram (mg/Kg)

Sample Location	Date Collected	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
VAP RESIDENTIAL LIMITS mg/Kg		6 90	5 000 00	32 00	230 00	400	16 00	---	
VAP INDUSTRIAL LIMITS mg/Kg		86 00	140 000 00	300 00	2 800 00	2 800	230 00	--	--
CP00004	06/18/1999	7.3	26	<0 54	10	32	<0 27	<1 1	<2 2

WET CHEMISTRY

Sample Location	Date Collected	Ignitability (deg C)	Reactive Sulfide (mg/Kg)	Reactive Cyanide (mg/Kg)	Total Cyanide (mg/Kg)	Corrosivity by pH
CP00004	06/18/1999	>100	<100	<10	<0 54	8 68

VAP MCLs VOLUNTARY ACTION PROGRAM GENERIC DIRECT-CONTACT SOIL STANDARDS RESIDENTIAL LAND USE CATEGORY 1998 1st ADDITION

mg/Kg MILLIGRAMS PER KILOGRAM

ug/Kg MICROGRAMS PER KILOGRAM

deg C DEGREES CELCIUS

< LESS THAN

> GREATER THAN

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary, NC 27513

FAX COVER SHEET

Date 6-23-99

To Ken Vogel

LBG

Fax 651-490-10[illegible]

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE Dayton Thermal

Number of pages including the cover sheet 8

Message

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Avenue
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L9906468
Report Date: 06/23/99
Work ID: SC001/DAYTON THERMAL PRODUCTS
Date Received: 06/19/99

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9906468-01	CP00004		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
Dennis S. Tepe

Login #L9906468
June 23, 1999 05:00 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8082-PCB-S - PCB's (Soil)

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/22/99 Time: 10:48

Instrument: HP7
Analyst: CDB
Lab File ID: 7G1834

Method: 8082/3550
Run ID: R68323
Batch : WG59787

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
12674-11-2	Aroclor-1016	ug/kg		ND	18	1
11104-28-2	Aroclor-1221	ug/kg		ND	18	1
11141-16-5	Aroclor-1232	ug/kg		ND	18	1
53469-21-9	Aroclor-1242	ug/kg		ND	18	1
12672-29-6	Aroclor-1248	ug/kg		ND	18	1
11097-69-1	Aroclor-1254	ug/kg		ND	18	1
11096-82-5	Aroclor-1260	ug/kg		ND	18	1

SURROGATES- In Percent Recovery:

2,4,5,6-Tetrachloro-m-xylene	61.9	(29 - 133%)
Decachlorobiphenyl	92.6	(30 - 173%)

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 06/18/99 N/A

% Solid: 93
COC Info: N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Cyanide, Total	mg/kg		ND	0.54	1	N/A	DLN	06/22/99	09:30	9010B\9014
Corrosivity pH	S.U.	8.58			1	N/A	DLN	06/21/99	16:15	9045
Ignitability	Degrees C	100	>		1	N/A	JWR	06/21/99	12:00	1010
Percent Solids	% wt.	93		1.0	1	N/A	NLC	06/21/99	09:15	D2216-90
Reactivity, Cyanide	mg/kg		ND	10	1	N/A	SJM	06/22/99	13:00	SW-846
Reactivity, Sulfide	mg/kg		ND	100	1	N/A	SJM	06/22/99	11:45	SW-846
Silver, Total	mg/kg		ND	2.2	1	N/A	JYH	06/22/99	16:00	6010B\3050A
Arsenic, Total	mg/kg	7.3		5.4	1	N/A	JYH	06/22/99	16:00	6010B\3050A
Barium, Total	mg/kg	26		0.54	1	N/A	JYH	06/22/99	16:00	6010B\3050A
Cadmium, Total	mg/kg		ND	0.54	1	N/A	JYH	06/22/99	16:00	6010B\3050A
Chromium, Total	mg/kg	10		1.1	1	N/A	JYH	06/22/99	16:00	6010B\3050A
Mercury, Total	mg/kg		ND	0.23	1	N/A	HRL	06/22/99	14:38	7471A\7471A
Lead, Total	mg/kg	11		5.4	1	N/A	JYH	06/22/99	16:00	6010B\3050A

RL = Reporting Limit

Login #L9906468
June 23, 1999 05:00 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS

Matrix: Soil
Collected: 06/18/99 N/A

% Solid: 93
COC Info: N/A

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Selenium, Total.....	mg/kg		ND,S	1.1	5	N/A	RSS	06/22/99	09:47	7740

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/22/99 Time: 12:28

Instrument: HP9
Analyst: ECL
Lab File ID: 9G5235

Method: 8081A\3550B
Run ID: R68322
Batch : WG59783

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
319-84-6	alpha-BHC.....	ug/kg		ND	1.8	1
319-85-7	beta-BHC.....	ug/kg		ND	1.8	1
319-86-8	delta-BHC.....	ug/kg		ND	1.8	1
76-44-8	Heptachlor.....	ug/kg		ND	1.8	1
309-00-2	Aldrin.....	ug/kg		ND	1.8	1
1024-57-3	Heptachlor epoxide.....	ug/kg		ND	1.8	1
959-98-8	Endosulfan I.....	ug/kg		ND	1.8	1
60-57-1	Dieldrin.....	ug/kg		ND	3.5	1
72-55-9	4,4'-DDE.....	ug/kg		ND	3.5	1
72-20-8	Endrin.....	ug/kg		ND	3.5	1
33213-65-9	Endosulfan II.....	ug/kg		ND	3.5	1
72-54-8	4,4'-DDD.....	ug/kg		ND	3.5	1
1031-07-8	Endosulfan sulfate.....	ug/kg		ND	3.5	1
50-29-3	4,4'-DDT.....	ug/kg		ND	3.5	1
72-43-5	Methoxychlor.....	ug/kg		ND	18	1
53494-70-5	Endrin ketone.....	ug/kg		ND	3.5	1
7421-93-4	Endrin aldehyde.....	ug/kg		ND	3.5	1
5103-71-9	alpha Chlordane.....	ug/kg		ND	1.8	1
5103-74-2	gamma Chlordane.....	ug/kg		ND	1.8	1
8001-35-2	Toxaphene.....	ug/kg		ND	35	1
58-89-9	gamma-BHC (Lindane).....	ug/kg		ND	1.8	1

Page 3 of 7

KEMRON ENVIRONMENTAL SERVICES

Product: 8081P - Organochlorine Pesticides

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/22/99 Time: 12:28

Instrument: HPS
Analyst: ECL
Lab File ID: 9G5235

Method: 8081A\3550B
Run ID: R68322
Batch : WG59783

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	2,4,5,6-Tetrachloro-m-xylene.....	59.3		(29 - 133%)		
	Decachlorobiphenyl.....	60.7		(30 - 173%)		

Product: 8150-A9 - Appendix IX Herbicides

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/22/99 Time: 11:23

Instrument: HPI
Analyst: ECL
Lab File ID: 1G330

Method: 8151A\3550
Run ID: R68316
Batch : WG59782

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
94-75-7	2,4-D.....	ug/kg		ND	220	1
88-85-7	Dinoseb.....	ug/kg		ND	15	1
93-72-1	Silvex.....	ug/kg		ND	43	1
93-76-5	2,4,5-T.....	ug/kg		ND	43	1
	SURROGATES- In Percent Recovery:					
	2,4-Dichlorophenylacetic acid.....	80.5		(51 - 146%)		

RL = Reporting Limit

Login #L9906468
June 23, 1999 05:00 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 827-TCL - TCL Semivolatiles

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/21/99 Time: 19:08

Instrument: HPMS7
Analyst: MLS
Lab File ID: 7M5124

Method: 8270C\3550B
Run ID: R68172
Batch : WG59796

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-95-2	Phenol	ug/kg		ND	180	1
111-44-4	Bis(2-Chloroethyl)ether	ug/kg		ND	180	1
95-57-8	2-Chlorophenol	ug/kg		ND	180	1
541-73-1	1,3-Dichlorobenzene	ug/kg		ND	180	1
106-46-7	1,4-Dichlorobenzene	ug/kg		ND	180	1
95-50-1	1,2-Dichlorobenzene	ug/kg		ND	180	1
95-48-7	2-Methylphenol	ug/kg		ND	180	1
108-60-1	bis(2-Chloroisopropyl)ether	ug/kg		ND	180	1
106-44-5	4-Methylphenol	ug/kg		ND	180	1
621-64-7	N-Nitroso-di-n-propylamine	ug/kg		ND	180	1
67-72-1	Hexachloroethane	ug/kg		ND	180	1
98-95-3	Nitrobenzene	ug/kg		ND	180	1
78-59-1	Isophorone	ug/kg		ND	180	1
88-75-5	2-Nitrophenol	ug/kg		ND	180	1
105-67-9	2,4-Dimethylphenol	ug/kg		ND	180	1
111-91-1	Bis(2-Chloroethoxy)Methane	ug/kg		ND	180	1
120-83-2	2,4-Dichlorophenol	ug/kg		ND	180	1
120-82-1	1,2,4-Trichlorobenzene	ug/kg		ND	180	1
91-20-3	Naphthalene	ug/kg		ND	180	1
106-47-8	4-Chloroaniline	ug/kg		ND	180	1
87-68-3	Hexachlorobutadiene	ug/kg		ND	180	1
59-50-7	4-Chloro-3-methylphenol	ug/kg		ND	180	1
91-57-6	2-Methylnaphthalene	ug/kg		ND	180	1
77-47-4	Hexachlorocyclopentadiene	ug/kg		ND	180	1
88-06-2	2,4,6-Trichlorophenol	ug/kg		ND	180	1
95-95-4	2,4,5-Trichlorophenol	ug/kg		ND	890	1
91-58-7	2-Chloronaphthalene	ug/kg		ND	180	1
88-74-4	2-Nitroaniline	ug/kg		ND	890	1
131-11-3	Dimethylphthalate	ug/kg		ND	180	1
208-96-8	Acenaphthylene	ug/kg		ND	180	1
606-20-2	2,6-Dinitrotoluene	ug/kg		ND	180	1
99-09-2	3-Nitroaniline	ug/kg		ND	890	1
83-32-9	Acenaphthene	ug/kg		ND	180	1
51-28-5	2,4-Dinitrophenol	ug/kg		ND	890	1
100-02-7	4-Nitrophenol	ug/kg		ND	890	1
132-64-9	Dibenzofuran	ug/kg		ND	180	1
121-14-2	2,4-Dinitrotoluene	ug/kg		ND	180	1
84-66-2	Diethylphthalate	ug/kg		ND	180	1
[illegible]	4-Chlorophenyl-phenyl ether	ug/kg		ND	180	1

[illegible] Reporting Limit

Login #L9906468
June 23, 1999 05:00 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 827-TCL - TCL Semivolatiles

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: 06/21/99
Analysis Date: 06/21/99 Time: 19:08

Instrument: HPMS7
Analyst: MLS
Lab File ID: 7M5124

Method: 8270C\3550B
Run ID: R68172
Batch : WG59796

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
86-73-7	Fluorene	ug/kg		ND	180	1
100-01-6	4-Nitroaniline	ug/kg		ND	890	1
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg		ND	890	1
86-30-6	N-Nitrosodiphenylamine	ug/kg		ND	180	1
101-55-3	4-Bromophenyl-phenylether	ug/kg		ND	180	1
118-74-1	Hexachlorobenzene	ug/kg		ND	180	1
87-86-5	Pentachlorophenol	ug/kg		ND	890	1
85-01-8	Phenanthrene	ug/kg		ND	180	1
120-12-7	Anthracene	ug/kg		ND	180	1
86-74-8	Carbazole	ug/kg		ND	180	1
84-74-2	Di-N-Butylphthalate	ug/kg		ND	180	1
206-44-0	Fluoranthene	ug/kg		ND	180	1
129-00-0	Pyrene	ug/kg		ND	180	1
85-68-7	Butylbenzylphthalate	ug/kg		ND	180	1
91-94-1	3,3'-Dichlorobenzidine	ug/kg		ND	350	1
56-55-3	Benzo(a)anthracene	ug/kg		ND	180	1
218-01-9	Chrysene	ug/kg		ND	180	1
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg		ND	180	1
117-84-0	Di-n-octylphthalate	ug/kg		ND	180	1
205-99-2	Benzo(b)fluoranthene	ug/kg		ND	180	1
207-08-9	Benzo(k)fluoranthene	ug/kg		ND	180	1
50-32-8	Benzo(a)pyrene	ug/kg		ND	180	1
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg		ND	180	1
53-70-3	Dibenzo(a,h)Anthracene	ug/kg		ND	180	1
191-24-2	Benzo(g,h,i)Perylene	ug/kg		ND	180	1

SURROGATES- In Percent Recovery:

2-Fluorophenol	46.5	(25 - 121%)
Phenol-d5	52.1	(24 - 113%)
Nitrobenzene-d5	57.4	(23 - 120%)
2-Fluorobiphenyl	56.5	(30 - 115%)
2,4,6-Tribromophenol	67.0	(19 - 122%)
P-Terphenyl-d14	65.2	(18 - 137%)

Login #L9906468
June 23, 1999 06:00 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-TCL - TCL Volatiles

Lab Sample ID: L9906468-01
Client Sample ID: CP00004
Site/Work ID: SC001/DAYTON THERMAL PRODUCTS
Matrix: Soil

Dil. Type: N/A
COC Info: N/A
Date Collected: 06/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/22/99 Time: 12:24

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M9199

Method: 8260E
Run ID: R68202
Batch : WG59803

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
74-87-3	Chloromethane	ug/kg		ND	11	1
74-83-9	Bromomethane	ug/kg		ND	11	1
75-01-4	Vinyl chloride	ug/kg		ND	11	1
75-00-3	Chloroethane	ug/kg		ND	11	1
75-09-2	Methylene chloride	ug/kg		ND	5.4	1
67-64-1	Acetone	ug/kg		ND	11	1
75-15-0	Carbon disulfide	ug/kg		ND	5.4	1
75-35-4	1,1-Dichloroethene	ug/kg		ND	5.4	1
75-34-3	1,1-Dichloroethane	ug/kg		ND	5.4	1
540-59-0	1,2-Dichloroethene (Total)	ug/kg		ND	5.4	1
67-66-3	Chloroform	ug/kg		ND	5.4	1
107-06-2	1,2-Dichloroethane	ug/kg		ND	5.4	1
78-93-3	2-Butanone	ug/kg		ND	11	1
71-55-6	1,1,1-Trichloroethane	ug/kg		ND	5.4	1
56-23-5	Carbon tetrachloride	ug/kg		ND	5.4	1
75-27-4	Bromodichloromethane	ug/kg		ND	5.4	1
78-87-5	1,2-Dichloropropane	ug/kg		ND	5.4	1
10061-01-5	cis-1,3-Dichloropropene	ug/kg		ND	5.4	1
79-01-6	Trichloroethene	ug/kg	96		5.4	1
124-48-1	Dibromochloromethane	ug/kg		ND	5.4	1
79-00-5	1,1,2-Trichloroethane	ug/kg		ND	5.4	1
71-43-2	Benzene	ug/kg		ND	5.4	1
10061-02-6	trans-1,3-Dichloropropene	ug/kg		ND	5.4	1
75-25-2	Bromoform	ug/kg		ND	5.4	1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	11	1
591-78-6	2-Hexanone	ug/kg		ND	11	1
127-18-4	Tetrachloroethene	ug/kg		ND	5.4	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	5.4	1
108-88-3	Toluene	ug/kg		ND	5.4	1
108-90-7	Chlorobenzene	ug/kg		ND	5.4	1
100-41-4	Ethyl benzene	ug/kg		ND	5.4	1
100-42-5	Styrene	ug/kg		ND	5.4	1
1330-20-7	Xylenes, Total	ug/kg		ND	5.4	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	115	(80 - 120%)
1,2-Dichloroethane-d4	117	(80 - 120%)
Toluene-d8	105	(81 - 117%)
p-Bromofluorobenzene	105	(74 - 121%)

EPA Region 5 Records Ctr
349977

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

FAX COVER SHEET

Date 5/5/99

To Ken Vogel
LBG

Fax 651-490-1000

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE RFA 226 - Dayton

Number of pages including the cover sheet 3

Message

PCBs Silicate Line stockpile

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

CP00001

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34292 SAS No SDG No 2_602

Matrix (soil/water) SOIL Lab Sample ID 936842

Sample wt/vol 30 0 (g/mL) G Lab File ID

% Moisture 7 decanted (Y/N) N Date Received 05 03/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 05/03/99

Concentrated Extract Volume 5000(uL) Date Analyzed 05/04/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	24	U
12672-29-6	Aroclor-1248	24	U
11097-69-1	Aroclor-1254	23	J
11096-82-5	Aroclor-1260	35	U

FORM I PEST

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) SOIL Lab Sample ID

Sample wt/vol 30 0 (g/mL) G Lab File ID

% Moisture 3 decanted (Y/N) N Date Received 05/03/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 05/03/99

Concentrated Extract Volume 5000(uL) Date Analyzed 05/04/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	34	U
11104-28-2------	Aroclor-1221	34	U
11141-16-5------	Aroclor-1232	34	U
53469-21-9------	Aroclor-1242	34	U
12672-29-6------	Aroclor-1248	34	U
11097-69-1------	Aroclor-1254	74	J
11096-82-5------	Aroclor-1260	34	U

FORM I PEST

EPA Region 5 Records Ctr
349978

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

Dayton Silicate Line Soil Pile 4/99

FAX COVER SHEET

Date 5/10/99

To Dave Strand Fax 651-490-1000

LBG

From Diane Ellmore Phone 919-379-4011
Fax 919-379-4040

RE RFA 226 - TCLP Pest & Herb

Number of pages including the cover sheet 5

Message

Dayton Thermal

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID

Sample wt/vol 100.0 (g/mL) ML Lab File ID

Moisture decant d (Y/N) Date Received 05/

Extraction (SepF/Cont/Sonc) SEPF Date Extracted 05/

Concentrated Extract Volume 5000(uL) Date Analyzed 05/07/

Injection Volume 2.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N pH Sulfur Cleanup

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/kg) UG/L	
58-89-9	gamma-BHC (Lindane)	0.043	
72-20-8	Endrin	1.0	
76-44-8	Heptachlor	0.25	
1024-57-3	Heptachlor Epoxide	0.25	
72-43-5	Methoxychlor	2.5	
8001-35-2	Toxaphene	25	
12789-03-6	Technical Chlordane	25	

FORM I PEST

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No. 34292 SAS No. SDG No.

Matrix (soil/water) WATER Lab Sample ID

Sample wt/vol 100.0 (g/mL) ML Lab File ID

% Moisture decanted (Y/N) Date Received

Extraction (SepF/Cont/Sonc) SEPF Date Extracted

Concentrated Extract Volume 5000 (uL) Date Analyzed

Injection Volume 2.0 (uL) Dilution Factor

GPC Cleanup (Y/N) N pH Sulfur Cleanup

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	[illegible]	U
72-20-8	Endrin	1.0	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.2[illegible]	U
72-43-5	Methoxychlor	[illegible].5	U
8001-35-2	Toxaphene	25	U
12789-03-6	Technical Chlordane	2	U

FORM I PEST

FORM 1
8151 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID

Sample wt/vol 100.0 (g/ml) ML Lab File ID

% Moisture decant d (Y/N) Date Received 05/0

Extraction (SepF/Cont/Sonc) SEPF Date Extracted 05/06

Concentrated Extract Volume 2500(ul) Date Analyzed 05/0

Injection Volume 2.0(ul) Dilution Factor 1.0

GPC Cleanup (Y/N) N pH Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	
94-75-7	2,4-D	7.5	U
93-76-5	2,4,5-T	2.5	U

FORM I 8151

FORM 1
8151 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID [illegible]

Sample wt/vol 100.0 (g/ml) ML Lab File ID

% Moisture decanted (Y/N) Date Received [illegible]

Extraction (SepF/Cont/Sonc) SEPF Date Extracted [illegible]

Concentrated Extract Volume 2500(uL) Date Analyzed [illegible]

Injection Volume 2.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N pH Sulfur Cleanup (Y/N)

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	
94-75-7	2,4-D	7.5	U
93-76-5	2,4,5-T	2.5	U

FORM I 8151

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

FAX COVER SHEET

Date 5/10/99

To Dave Strand Fax 651-490 1006

LBG

From Diane Ellmore Phone 919-379-4011
Fax 919-379 4040

RE RFA 226 - TCLP Pest & Herb

Number of pages including the cover sheet 5

Message

Dayton Thermal

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID 9[illegible]

Sample wt/vol 100 [illegible] (g/mL) ML Lab File ID [illegible]

% Moisture _____ decanted (Y/N) ___ Date Received 05 [illegible]

Extraction (SepF/Cont/Sonc) SEPF Date Extracted 05 [illegible]

Concentrated Extract Volume 5000(uL) Date Analyzed 05 [illegible]

Injection Volume 2.0(uL) Dilution Factor 1

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup N/A

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	
58-89-9	gamma-BHC (Lindane)	0.013	J
72-20-8	Endrin	1.0	U
76-44-8	Heptachlor	0.05	U
1024-57-3	Heptachlor Epoxide	0.05	U
72-43-5	Methoxychlor	[illegible]	U
8001-35-2	Toxaphene	[illegible]	U
12789-03-6	Technical Chlordane		U

FORM I PEST

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT [illegible]

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG No [illegible]

Matrix (soil/water) WATER Lab Sample ID [illegible]

Sample wt/vol 100 0 (g/mL) ML Lab File ID

% Moisture _____ decanted (Y/N) ___ Date Received 05 3[illegible]

Extraction (SepF/Cont/Sonc) SEPF Date Extracted 05 0[illegible]

Concentrated Extract Volume 5000(uL) Date Analyzed 05 0[illegible]

Injection Volume 2 0(uL) Dilution Factor 1 [illegible]

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) [illegible]

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	
58-89 9	gamma-BHC (Lindane)	[illegible]	U
72-20-8	Endrin		U
76 44-8	Heptachlor	0 [illegible]	U
1024-57-3	Heptachlor Epoxide	[illegible] 5	U
72-43-5	Methoxychlor	2 5	U
8001-35-2	Toxaphene	[illegible]	U
12789-03 6	Technical Chlordane	[illegible]	U

FORM I PEST

FORM 1
8151 ORGANICS ANALYSIS DATA SHEET

CLIENT SA

Lab Name COMPUCHEM Contract

Lab Code COMPU Case No 34292 SAS No SDG N

Matrix (soil/water) WATER Lab Sample ID

Sample wt/vol 100) (g/ml) ML Lab File ID

% Moisture _____ decanted (Y/N) __ Date Received

Extraction (SepF/Cont/Sonc) SEPF Date Extracted

Concentrated Extract Volume 2500(ul) Date Analyzed

Injection Volume 2 0 uL) Dilution Factor

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/L	
94-75-7--	2 4-D		U
93-76-5	2 4 5-T		U

FORM) 8151

EPA Region 5 Records Ctr
349979

COMPUCHEM a division of Liberty
501 Madison Avenue
Cary NC 27513
Phone (919)379-4013
Fax (919)379-4040

facsimile transmittal

To Ken Vogel
Fax 651 490 1006
Phone 651 490 1405
Re RFA 2260

From Marlene F Swift
Date 5/5/99
Pages 3
CC

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Notes

Ken Please fax Form 1s for the PCB analysis.

M Marlene

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

CP00001

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34292 SAS No SDG No 22602

Matrix (soil/water) SOIL Lab Sample ID 936842

Sample wt/vol 30.0 (g/mL) G Lab File ID _____

% Moisture 7 decanted (Y/N) N Date Received 05/03/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 05/03/99

Concentrated Extract Volume 5000(uL) Date Analyzed 05/04/99

Injection Volume 2.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	46	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	24	U
12672-29-6	Aroclor-1248	24	U
11097-69-1	Aroclor-1254	23	J
11096-82-5	Aroclor-1260	35	U

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

CP00002

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34292 SAS No SDG No 22602

Matrix (soil water) SOIL Lab Sample ID 936850

Sample wt/vol 30 0 (g/mL) G Lab File ID _____

Extract Volume 3 decanted (Y/N) N Date Received 05/03/99

Extraction (SepF/Cont/Sonc) SONC Date Extracted 05/03/99

Concentrated Extract Volume 5000(uL) Date Analyzed 05/04/99

Injection Volume 2 0(uL) Dilution Factor 1 0

GPC Cleanup (Y/N) N pH ___ Sulfur Cleanup (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2------	Aroclor-1016	34	U
11104-28-2------	Aroclor-1221	44	U
11141-16-5------	Aroclor-1232	34	U
53469 21-9-- - -	Aroclor-1242	23	U
12672-29 6------	Aroclor-1248	23	U
11097-69-1------	Aroclor-1254	7 4	J
11096-82-5------	Aroclor-1260	34	U

501 MADISON AVENUE
CARY N C 27513

Phone 919-379-4081
Fax 919-379-4040

COMPUCHEM

EPA Region 5 Records Ctr
349980

Fax

To	KEN VOGEL	**From**	MELISSA STEVENS
Fax	651 490-1006	**Date**	May 6 1999
Phone	651 490-1405	**Pages**	7
Re	RFA#226	**CC**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Dayton

TCLP VOC's

Form I's - VOA

RFA 99-226

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

CP00002

Project | Date Sampled 04/30/99

Lab Code COMPU | Case No 34292 | SAS No | SDG No 22601

Matrix (soil/water) WATER | Lab Sample ID 936841

Sample wt/vol 5 0 (g/mL) ML | Lab File ID CN036841A51 D

Level (low/med) LOW | Date Received 05/03/99

% Moisture not dec _____ | Date Analyzed 05/05/99

Column CP624 ID 0 53 (mm) | Dilution Factor 5 0

Soil Extract Volume _____(uL) | Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	Q
75-01-4	Vinyl Chloride	50		U
75-35-4	1,1-Dichloroethene	50		U
67-66-3	Chloroform	50		U
107-06-2	1 2-Dichloroethane	50		U
56-23-5	Carbon Tetrachloride	50		U
79-01-6	Trichloroethene	50	15	J
71-43-2	Benzene	50		U
127-18-4	Tetrachloroethene	50	7	J
108-90-7	Chlorobenzene	50		U
78-93-3	2-butanone	50		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

CP00001MS

Project		Date Sampled	04/30/99
Lab Code COMPU	Case No 34292 SAS No	SDG No	22601
Matrix (soil/water)	WATER	Lab Sample ID	936827
Sample wt/vol	5 0 (g/mL) ML	Lab File ID	CN036827A51 D
Level (low/med)	LOW	Date Received	05/03/99
Moisture not dec	_____	Date Analyzed	05/05/99
GC Column SP624	ID 0 53 (mm)	Dilution Factor	5 0
Extract Volume	_____(uL)	Soil Aliquot Volume	_____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	U
75-01-4	Vinyl Chloride	50	400	
75-35-4	1,1-Dichloroethene	50	600	
67-66-3	Chloroform	50	560	
107-06-2	1,2-Dichloroethane	50	540	
56-23-5	Carbon Tetrachloride	50	580	
79-01-6	Trichloroethene	50	600	
71-43-2	Benzene	50	550	
127-18-4	Tetrachloroethene	50	480	
108-90-7	Chlorobenzene	50	500	
78-93-3	2-butanone	50	350	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

CP00001MSD

Lab Name | Date Sampled 00/00/00

Lab Code COMPU Case No 34292 SAS No | SDG No 22601

Matrix (soil/water) WATER | Lab Sample ID 936828

Sample wt/vol 5 0 (g/mL) ML | Lab File ID CN036878A51 D

Level (low/med) LOW | Date Received 05/03/99

% Moisture not dec _____ | Date Analyzed 05/05/99

GC Column SP624 ID 0 53 (mm) | Dilution Factor 5 0

Soil Extract Volume _____(uL) | Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	Q
75-01-4	Vinyl Chloride	50	410	
75-35-4	1,1-Dichloroethene	50	600	
67-66-3	Chloroform	50	560	
107 06-2	1 2-Dichloroethane	50	560	
56-23-5	Carbon Tetrachloride	50	580	
79 01-6	Trichloroethene	50	590	
71-43-2	Benzene	50	560	
127 18 4	Tetrachloroethene	50	480	
108-90-7	Chlorobenzene	50	500	
78 93 3	2-butanone	50	410	

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

VBLKDH

Lab Name COMPU Case No 34292 SAS No SDG No 22601

Matrix (soil/water) WATER Lab Sample ID VBLKDH

Sample wt/vol 5 0 (g/mL) ML Lab File ID CB990505A51 D

Level (low/med) LOW Date Received _____

% Moisture not dec _____ Date Analyzed 05/05/99

Column SP624 ID 0 53 (mm) Dilution Factor 1 0

Extract Volume _____(uL) Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	Q
75-01-4	Vinyl Chloride	10		U
75-35-4	1,1-Dichloroethene	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
79-01-6	Trichloroethene	10		U
71-43-2	Benzene	10		U
127-18-4	Tetrachloroethene	10		U
108-90-7	Chlorobenzene	10		U
78-93-3	2-butanone	10	5	J

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

ZHEBLKT2

Project | Date Sampled _____

Lab Code COMPU | Case No 34292 | SAS No | SDG No 22601

Matrix (soil/water) WATER | Lab Sample ID 936973

Sample wt/vol 5 0 (g/mL) ML | Lab File ID CN036973A51 D

Level (low/med) LOW | Date Received _____

% Moisture not dec _____ | Date Analyzed 05/05/99

GC Column SP624 ID 0 53 (mm) | Dilution Factor 5 0

Soil Extract Volume _____(uL) | Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	Q
75-01-4	Vinyl Chloride	50		U
75-35-4	1,1-Dichloroethene	50		U
67-66-3	Chloroform	50		U
107-06-2	1,2-Dichloroethane	50		U
56-23-5	Carbon Tetrachloride	50		U
79-01-6	Trichloroethene	50		U
71-43-2	Benzene	50		U
127-18-4	Tetrachloroethene	50		U
108-90-7	Chlorobenzene	50		U
78-93-3	2-butanone	50		U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

CP00001

Project | Date Sampled 04/30/99

Contract COMPU | Case No 34292 | SAS No | SDG No 22601

Matrix (soil/water) WATER | Lab Sample ID 936826

Sample wt /vol 5 0 (g/mL) ML | Lab File ID CN036826A51 D

Level (low/med) LOW | Date Received 05/03/99

Moisture not dec _____ | Date Analyzed 05/05/99

Column SP624 ID 0 53 (mm) | Dilution Factor 5 0

Soil Extract Volume _____(uL) | Soil Aliquot Volume _____(uL)

CONCENTRATION UNITS UG/L

CAS NO	COMPOUND	DL	CONC	Q
75-01-4	Vinyl Chloride	50		U
75-35-4	1,1-Dichloroethene	50		U
67-66-3	Chloroform	50		U
107-06-2	1,2-Dichloroethane	50		U
56-23-5	Carbon Tetrachloride	50		U
79-01-6	Trichloroethene	50	52	
71-43-2	Benzene	50		U
127-18-4	Tetrachloroethene	50	9	J
108-90-7	Chlorobenzene	50		U
78-93-3	2-butanone	50	16	J

EPA Region 5 Records Ctr
349981

COMPUCHEM a division of Liberty
501 Madison Avenue
Cary NC 27513
Phone (919)379 4013
Fax (919)379-4040

facsimile transmittal

RFA 99-226
Dayton Silicate Line

To Ken Vogel
From Marlene F Swift
Fax 651 490 1006
Date 5/5/99
Phone 651 490 1405
Pages 5
Re RFA 226
CC

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Notes

Ken,

Please find form 1s for the wet chem results. More to follow

Marlene

IGNITABILITY ANALYSIS

SUMMARY REPORT

ITEM NO	SAMPLE IDENTIFIER	COMPUCHEM NUMBER	CONCENTRATION (degree F)	REPORTING LIMIT (degree F)
1	CP00001	936842	> 140	68
2	CP00002	936850	> 140	68

Reviewed by/ID# Joe Basile 12381 Date 5/5/99

REACTIVE CYANIDE ANALYSIS

SUMMARY REPORT

ITEM NO	SAMPLE IDENTIFIER	COMPUCHEM NUMBER	CONCENTRATION (mg/Kg)	REPORTING LIMIT (mg/Kg)
1	CP00001	936842	< 134	134
2	CP00002	936850	< 129	129

Reviewed by/ID# Joe Beaule 12381 Date 5/5/99

REACTIVE SULFIDE ANALYSIS

SUMMARY REPORT

ITEM NO	SAMPLE IDENTIFIER	COMPUCHEM NUMBER	CONCENTRATION (mg/Kg)	REPORTING LIMIT (mg/Kg)
1	CP00001	936842	< 134	134
2	CP00002	936850	< 129	129

Reviewed by/ID# Joe Beard 12381 Date 5/5/99

CORROSIVITY BY PH ANALYSIS

SUMMARY REPORT

ITEM NO	SAMPLE IDENTIFIER	COMPUCHEM NUMBER	CONCENTRATION (STANDARD pH UNITS)	REPORTING LIMIT (STANDARD pH UNITS)
1	CP00001	936842	8 4	N/A
	CP00002	936850	8 6	N/A

Reviewed by/ID# Joe Baade 12381 Date 5/5/99

EPA Region 5 Records Ctr
349982

Silicte Lime Stockpile

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

FAX COVER SHEET

Date: 5/7/99

To Ken Vogel
LBG

Fax 651-490-1816

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE RFA226 - Dayton Thermal

Number of pages including the cover sheet 4

Message

TCLP Metals

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE ID

CP00001

Lab Name COMPUCHEM Contract SW-846

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID 9368

Level (low/med) LOW Date Received 05/0

% Solids 0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6 6	B		P
7440-39-3	Barium	707		E	P
7440-43-9	Cadmium	15 9			P
7440-47-3	Chromium	5 8			P
7439-92-1	Lead	38 4			P
7439-97-6	Mercury	0 05	U		CV
7782-49-2	Selenium	17 9		N	P
7440-22-4	Silver	0 40	U		P

Color Before COLORLESS Clarity Before CLEAR Texture

Color After COLORLESS Clarity After CLEAR Artifacts

Comments

Duplicate (CP00001D)

FORM I - IN

SW846

91 20

000 7001

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO

CP0000

Lab Name COMPUCHEM Contract SW-846

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID 936841

Level (low/med) LOW Date Received 05/03

% Solids 0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11 3			P
7440-39-3	Barium	385		E	P
7440-43-9	Cadmium	17 2			P
7440-47-3	Chromium	0 97	B		P
7439-92-1	Lead	16 5			P
7439-97-6	Mercury	0 05	U		CV
7782-49-2	Selenium	16 9		N	P
7440-22-4	Silver	0 40	U		P

Color Before COLORLESS Clarity Before CLEAR Texture

Color After COLORLESS Clarity After CLEAR Artifacts

Comments

FORM I - IN

SW 1

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE I

LEACH BLK

Lab Name COMPUCHEM Contract SW-846

Lab Code COMPU_ Case No 34292_ SAS No _____ SDG No [illegible]

Matrix (soil/water) WATER Lab Sample ID 93/077

Level (low/med) LOW__ Date Received 05/05/[illegible]

% Solids __0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L_

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5 4	B		P
7440-39-3	Barium	2 2	B	E	P
7440-43-9	Cadmium	0 71	B		P
7440-47-3	Chromium	0 99	B		P
7439-92-1	Lead	1 0	B		P
7439-97-6	Mercury	0 05	U		CV
7782-49-2	Selenium	14 0		N	P
7440-22-4	Silver	0 40	U		P

Color Before COLORLESS Clarity Before CLEAR_ Texture ___

Color After COLORLESS Clarity After CLEAR_ Artifacts

Comments

FORM I - IN

[illegible]

100 100 [illegible] [illegible] 21 20 [illegible]

Silicate Line Stockpile

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

FAX COVER SHEET

Date 5/7/99

To Ken Vogel

LBG

Fax 651-490-1016

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE RFA226 - Dayton Thermal

Number of pages including the cover sheet 4

Message

TCLP Metals

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO

CP00001

Lab Name COMPUCHEM Contract SW-846

Lab Code COMPU Case No 34292 SAS No SDG No

Matrix (soil/water) WATER Lab Sample ID 9308

Level (low/med) LOW Date Received 05/03

% Solids 0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6 6	B		P
7440-39-3	Barium	70/		E	P
7440-43-9	Cadmium	15 9			P
7440-47-3	Chromium	5 8			P
7439-92-1	Lead	38 4			P
7439-97-6	Mercury	0 05	U		CV
7782-49-2	Selenium	17 9		N	P
7440-22-4	Silver	0 40	U		P

Color Before COLORLESS Clarity Before CLEAR Texture

Color After COLORLESS Clarity After CLEAR Artifacts

Comments

Duplicate (CP00001D)

FORM I - IN

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE No

C10000_

Lab Name COMPUCHEM_____ Contract SW-846____

Lab Code COMPU_ Case No 34292_ SAS No _____ SDG No 001

Matrix (soil/water) WATER Lab Sample ID 9368 1

Level (low/med) LOW__ Date Received 05/0 /9

% Solids __0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L_

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	11 3			P_
7440-39-3	Barium___	385		E	P_
7440-43-9	Cadmium__	17 2			P_
7440-47-3	Chromium_	0 97	B		P_
7439-92-1	Lead____	16 5			P_
7439-97-6	Mercury__	0 05	U		CV
7782-49-2	Selenium_	16 9		N	P_
7440-22-4	Silver___	0 40	U		P_

Color Before COLORLESS Clarity Before CLEAR_ Texture

Color After COLORLESS Clarity After CLEAR_ Artifacts __

Comments

FORM I - IN

WB1E

Lab Name COMPUCHEM Contract SW-846 LEACH BLI

Lab Code COMPU_ Case No 34292_ SAS No _____ SDG No [illegible]

Matrix (soil/water) WATER Lab Sample ID 93/0 [illegible]

Level (low/med) LOW__ Date Received 05/0 [illegible]

% Solids __0 0

Concentration Units (ug/L or mg/kg dry weight) UG/L _

CAS No	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5 4	B		P
7440-39-3	Barium	2 2	B	E	P
7440-43-9	Cadmium	0 71	B		P
7440-47-3	Chromium	0 99	B		P
7439-92-1	Lead	1 0	B		P
7439-97-6	Mercury	0 05	U		CV
7782-49-2	Selenium	14 0		N	P
7440-22-4	Silver	0 40	U		P

Color Before COLORLESS Clarity Before CLEAR_ Texture ___

Color After COLORLESS Clarity After CLEAR_ Artifacts

Comments

FORM I - IN

U S EPA - CLP

EPA SAMPLE No

U S EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO

LEACH BLK

Lab Name COMPUCHEM Contract SW-846

EPA Region 5 Records Ctr
349983

CompuChem
a Division of Liberty Analytical
501 Madison Ave
Cary NC 27513

Silicate Line
Soil Pile

FAX COVER SHEET

Date 5/7/99

To Dave Strand
LBG

Fax 651-490-1006

From Diane Ellmore

Phone 919-379-4011
Fax 919-379-4040

RE PFA226 TCLP SVOC

Number of pages including the cover sheet 4

Message

Prelims because surrogates failed (may be due to matrix) I will fax finals Mon Lab does not anticipate significant change in values

— Diane

Pest & herbs are iffy - QC failed here also
— D

1BCC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

CP00001

Lab Sample ID YGQP9900226 Date Sampled 04/30/99

Matrix COMPU Case No 34292 SDG No 22601

Matrix (soil/water) WATER Lab Sample ID 936826

Sample wt/vol 100 (g/mL) ML Lab File ID GH036826A64

Level (low/med) LOW Date Received 05/03/99

% Moisture _____ decanted (Y/N)___ Date Extracted 05/06/99

Concentrated Extract Volume 500(uL) Date Analyzed 05/07/99

Injection Volume 1.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N

CAS NO	COMPOUND	REPORTING LIMIT	CONC UNITS UG/L	Q
110-86-1	Pyridine	50		U
106-46-7	1,4-Dichlorobenzene	50		U
95-48-7	2-Methylphenol	50		U
108-39-4	3-Methylphenol	50		U
106-44-5	4-Methylphenol	50		U
67-72-1	Hexachloroethane	50		U
98-95-3	Nitrobenzene	50		U
87-68-3	Hexachlorobutadiene	50		J
88-06-2	2,4,6-Trichlorophenol	50		J
95-95-4	2,4,5-Trichlorophenol	250		U
121-14-2	2,4-Dinitrotoluene	50		U
118-74-1	Hexachlorobenzene	50		U
87-86-5	Pentachlorophenol	250		U

PRELIMINARY DATA
SUBJECT TO FINAL TECHNICAL REVIEW
CHANGES IN QUANTITATIVE VALUES MAY
OCCUR FINAL RESULTS MAY DIFFER

1BCC
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

CP00002

Lab Name COMPU Case No 34292 SDG No 22601

Matrix (soil/water) WATER Lab Sample ID 936841

Sample wt/vol 100 (g/mL) ML Lab File ID GH036841A64

Level (low/med) LOW Date Received 05/03/99

Moisture _____ decanted (Y/N)___ Date Extracted 05/06/99

Concentrated Extract Volume 500(uL) Date Analyzed 05/07/99

Injection Volume 1.0(uL) Dilution Factor 1.0

GPC Cleanup (Y/N) N

CAS NO	COMPOUND	REPORTING LIMIT	CONC UNITS UG/L	Q
110-86-1	Pyridine	50		U
106-46-7	1,4-Dichlorobenzene	50		U
95-48-7	2-Methylphenol	50		U
108-39-4	3-Methylphenol	50		U
106-44-5	4-Methylphenol	50		U
67-72-1	Hexachloroethane	50		U
98-95-3	Nitrobenzene	50		U
87-68-3	Hexachlorobutadiene	50		U
88-06-2	2,4,6-Trichlorophenol	50		U
95-95-4	2,4,5-Trichlorophenol	250		U
121-14-2	2,4-Dinitrotoluene	50		U
118-74-1	Hexachlorobenzene	50		U
87-86-5	Pentachlorophenol	250		U

PRELIMINARY DATA
SUBJECT TO FINAL TECHNICAL REVIEW
CHANGES IN QUANTITATIVE VALUES MAY
OCCUR. FINAL RESULTS MAY DIFFER

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name COMPUCHEM Contract 500944

Lab Code COMPU Case No 34292 SDG No 22601

	CLIENT SAMPLE NO	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	LT0001	2*	3*	66	67	4*	77			3
02	LT0002	3*	2*	50	60	25	84			2
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
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23										
24										
25										
26										
27										
28										
29										
30										

		QC LIMITS
S1 (2FP)	= 2-Fluorophenol	(15-100)
S2 (PHL)	= Phenol-d5	(15-100)
S3 (NBZ)	= Nitrobenzene-d5	(23-103)
S4 (FBP)	= 2-Fluorobiphenyl	(26-101)
S5 (TBP)	= 2 4 6-Tribromophenol	(15-112)
S6 (TPH)	= Terphenyl-d14	(21-119)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

PRELIMINARY DATA
SUBJECT TO FINAL TECHNICAL REVIEW
CHANGES IN QUANTITATIVE VALUES MAY
OCCUR. FINAL RESULTS MAY DIFFER.

FORM II SV-1

KEMRON Environmental Services
109 Starlite Park
Marietta Ohio 45750
Phone (740) 373-4071

EPA Region 5 Records Ctr
349984

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Diane Byrd

PO Number
Account Number COMPUCHEM-529

Login # L9907154
Report Date 07/23/99
Work ID SC001/DAYTON THERMAL PRODUCTS
Date Received 07/09/99

DVS 5/1/99
MCP 8/3/99

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9907154 01	MW008S	L9907154-02	PZ008I
L9907154 03	PZ008D	L9907154-04	PZ010I
L9907154-05	MW010S	L9907154 06	PZ009D
L9907154-07	MW011S	L9907154-08	MW011S/DUP
L9907154-09	MWC003	L9907154-10	MWB003
L9907154-11	MWE070899	L9907154 12	MWT070899
L9907154-13	WL0003		

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
Dennis S Tepe

Kemron
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

VOLATILE ORGANICS 8260

The following dilution analyses had surrogate standards recoveries above the upper control limit:

Lab ID	Client ID
L9907154 01	MW008S
L9907154 05	MW010S

Dilution results for the above may be considered bias high

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW008S	COC Info	04978/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70244
Analysis Date	07/16/99 Time 19 13	Lab File ID	8M9708	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	5 0	1
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110 75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541-73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156 59 2	cis-1 2-Dichloroethene	ug/L	9 3		5 0	1
156 60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis 1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3 Dichloropropene	ug/L		ND	5 0	1
563-58 6	1 1 Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW008S	COC Info	04978/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70244
Analysis Date	07/16/99 Time 19 13	Lab File ID	8M9708	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10 1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09 2	Methylene chloride	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L	720	D	50	10
108-88-3	Toluene	ug/L		ND	5 0	1
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1-Trichloroethane	ug/L	6 9		5 0	1
79 00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01 6	Trichloroethene	ug/L	350	D	50	10
75 69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95 47 6	o-Xylene	ug/L		ND	5 0	1
108-38-3	m-Xylene	ug/L		ND	5 0	1
106 42-3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	112	(86 - 118%)
1 2-Dichloroethane-d4	118	(80 - 120%)
Toluene-d8	105	(88 - 110%)
4-Bromofluorobenzene	113	(86 115%)

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ008I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70312
Analysis Date	07/16/99 Time 19 45	Lab File ID	8M9709	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78 93-3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135 98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90 7	Chlorobenzene	ug/L		ND	5 0	1
124-48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95 49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95 50-1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L	61		5 0	1
107 06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35-4	1 1-Dichloroethene	ug/L	9 2		5 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L	470	D	50	10
156 60-5	trans-1 2-Dichloroethene	ug/L	26		5 0	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ008I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70312
Analysis Date	07/16/99 Time 19 45	Lab File ID	8M9709	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87-68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99 87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	5 0	1
630-20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L	7000	D	500	100
108-88-3	Toluene	ug/L		ND	5 0	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1-Trichloroethane	ug/L	58		5 0	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L	5600	D	500	100
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L	79		2 0	1
95-47-6	o-Xylene	ug/L		ND	5 0	1
108-38-3	m-Xylene	ug/L		ND	5 0	1
106-42-3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	111	(86 - 118%)
1 2-Dichloroethane-d4	117	(80 - 120%)
Toluene-d8	103	(88 - 110%)
4-Bromofluorobenzene	111	(86 115%)

L Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ008D	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 13 13	Lab File ID	9M4206	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43 2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135 98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L	5 6		5 0	1
107 06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis 1 2-Dichloroethene	ug/L	9 3		5 0	1
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01-5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061 02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

L Report rg limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ008D	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 13 13	Lab File ID	9M4206	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18-4	Tetrachloroethene	ug/L	11		5 0	1
108-88-3	Toluene	ug/L		ND	5 0	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1-Trichloroethane	ug/L	12		5 0	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01 6	Trichloroethene	ug/L	16		5 0	1
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05 4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95-47 6	o-Xylene	ug/L		ND	5 0	1
108-38 3	m-Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	109	(86 118%)
1 2-Dichloroethane-d4	109	(80 120%)
Toluene-d8	99 4	(88 110%)
4 Bromofluorobenzene	96 8	(86 115%)

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ010I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 13 49	Lab File ID	9M4207	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	1000	10
71 43 2	Benzene	ug/L		ND	50	10
108 86-1	Bromobenzene	ug/L		ND	50	10
74-97-5	Bromochloromethane	ug/L		ND	50	10
75 27 4	Bromodichloromethane	ug/L		ND	50	10
75 25-2	Bromoform	ug/L		ND	50	10
74 83-9	Bromomethane	ug/L		ND	100	10
78 93 3	2-Butanone	ug/L		ND	1000	10
104 51-8	n-Butylbenzene	ug/L		ND	50	10
135 98-8	sec-Butylbenzene	ug/L		ND	50	10
98-06-6	tert-Butylbenzene	ug/L		ND	50	10
75 15-0	Carbon disulfide	ug/L		ND	50	10
56 23-5	Carbon tetrachloride	ug/L		ND	50	10
108 90-7	Chlorobenzene	ug/L		ND	50	10
124-48-1	Chlorodibromomethane	ug/L		ND	50	10
75 00 3	Chloroethane	ug/L		ND	100	10
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	100	10
67-66-3	Chloroform	ug/L		ND	50	10
74 87-3	Chloromethane	ug/L		ND	100	10
95 49 8	2-Chlorotoluene	ug/L		ND	50	10
106-43-4	4-Chlorotoluene	ug/L		ND	50	10
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	50	10
106-93-4	1 2-Dibromoethane	ug/L		ND	50	10
74 95-3	Dibromomethane	ug/L		ND	50	10
95 50-1	1 2-Dichlorobenzene	ug/L		ND	50	10
541 73-1	1 3-Dichlorobenzene	ug/L		ND	50	10
106 46 7	1 4-Dichlorobenzene	ug/L		ND	50	10
75 71-8	Dichlorodifluoromethane	ug/L		ND	100	10
75-34-3	1 1-Dichloroethane	ug/L		ND	50	10
107-06-2	1 2-Dichloroethane	ug/L		ND	50	10
75-35-4	1 1-Dichloroethene	ug/L		ND	50	10
156 59-2	cis-1 2-Dichloroethene	ug/L	2300	D	500	100
156 60-5	trans-1 2-Dichloroethene	ug/L		ND	50	10
78 87-5	1 2-Dichloropropane	ug/L		ND	50	10
142 28-9	1 3-Dichloropropane	ug/L		ND	50	10
594 20-7	2 2-Dichloropropane	ug/L		ND	50	10
10061 01-5	cis-1 3-Dichloropropene	ug/L		ND	50	10
10061 02-6	trans-1 3-Dichloropropene	ug/L		ND	50	10
563 58-6	1 1-Dichloropropene	ug/L		ND	50	10

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ010I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 13 49	Lab File ID	9M4207	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	50	10
	n-Hexane	ug/L		ND	100	10
591-78-6	2 Hexanone	ug/L		ND	100	10
87 68 3	Hexachlorobutadiene	ug/L		ND	50	10
98-82-8	Isopropylbenzene	ug/L		ND	50	10
99 87 6	p-Isopropyltoluene	ug/L		ND	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	100	10
75 09-2	Methylene chloride	ug/L		ND	50	10
91 20-3	Naphthalene	ug/L		ND	100	10
103 65 1	n-Propylbenzene	ug/L		ND	50	10
100-42 5	Styrene	ug/L		ND	50	10
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	50	10
79 34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	50	10
127-18 4	Tetrachloroethene	ug/L		ND	50	10
108 88-3	Toluene	ug/L		ND	50	10
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	50	10
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	50	10
71-55 6	1 1 1-Trichloroethane	ug/L		ND	50	10
79-00-5	1 1 2-Trichloroethane	ug/L		ND	50	10
79-01 6	Trichloroethene	ug/L	5100	D	500	100
75-69-4	Trichlorofluoromethane	ug/L		ND	100	10
96 18 4	1 2 3-Trichloropropane	ug/L		ND	50	10
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	50	10
108-67 8	1 3 5-Trimethylbenzene	ug/L		ND	50	10
108-05 4	Vinyl acetate	ug/L		ND	100	10
75-01 4	Vinyl chloride	ug/L		ND	20	10
95-47 6	o Xylene	ug/L		ND	50	10
108 38-3	m-Xylene	ug/L		ND	50	10
106-42 3	p-Xylene	ug/L		ND	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	109	(86 - 118%)
1 2-Dichloroethane-d4	108	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4 Bromofluorobenzene	99 2	(86 - 115%)

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW010S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70314
Analysis Date	07/16/99 Time 21 18	Lab File ID	8M9712	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	5 0	1
124-48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L	8 1		10	1
110-75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95-49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541-73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34 3	1 1 Dichloroethane	ug/L	91		5 0	1
107 06 2	1 2 Dichloroethane	ug/L		ND	5 0	1
75-35 4	1 1 Dichloroethene	ug/L	97		5 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L	1300	D	50	10
156-60 5	trans-1 2-Dichloroethene	ug/L	19		5 0	1
78-87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis 1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

Login #L9907154
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KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 Volatile Organics

Lab Sample ID	L9907154-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW010S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70314
Analysis Date	07/16/99 Time 21 18	Lab File ID	8M9712	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42-5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1,2-Tetrachloroethane	ug/L		ND	5 0	1
79-34-5	1 1 2,2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	5 0	1
87-61-6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55 6	1 1 1-Trichloroethane	ug/L	320	D	50	10
79 00 5	1 1 2-Trichloroethane	ug/L	5 3		5 0	1
79-01 6	Trichloroethene	ug/L	10000	D	500	100
75 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05 4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L	46		2 0	1
95 47 6	o-Xylene	ug/L		ND	5 0	1
108-38 3	m-Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	111	(86 118%)
1 2-Dichloroethane-d4	117	(80 120%)
Toluene-d8	103	(88 110%)
4 Bromofluorobenzene	111	(86 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ009D	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 15 39	Lab File ID	9M4210	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78 93 3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541-73-1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1,4 Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1 Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2 Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	5 0	1
156 59 2	cis 1 2-Dichloroethene	ug/L	89		5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L	5 0		5 0	1
78-87-5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28-9	1 3 Dichloropropane	ug/L		ND	5 0	1
594-20 7	2 2 Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1 Dichloropropene	ug/L		ND	5 0	1

P. Report rg Limit

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KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ009D	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 15 39	Lab File ID	9M4210	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591-78 6	2 Hexanone	ug/L		ND	10	1
87-68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630-20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2 Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L	6 5		5 0	1
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79 00 5	1 1,2-Trichloroethane	ug/L		ND	5 0	1
79-01 6	Trichloroethene	ug/L	1000	D	50	10
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L	7 3		2 0	1
95 47 6	o-Xylene	ug/L		ND	5 0	1
108 38-3	m-Xylene	ug/L	6 7	Z	5 0	1
106 42 3	p-Xylene	ug/L		Z	5 0	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	108	(86 118%)
1 2-Dichloroethane-d4	109	(80 120%)
Toluene-d8	100	(88 110%)
4-Bromofluorobenzene	95 9	(86 115%)

RL R porting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 07	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW011S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70244
Analysis Date	07/16/99 Time 22 20	Lab File ID	8M9714	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78 93 3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90 7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74 87-3	Chloromethane	ug/L		ND	10	1
95 49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106 93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95 50-1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1-Dichloroethane	ug/L	23		5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L	14		5 0	1
156 59 2	cis-1 2-Dichloroethene	ug/L	300	D	50	10
156 60-5	trans-1 2-Dichloroethene	ug/L	5 9		5 0	1
78 87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01-5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Report g Limit

Login #L9907154
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KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 Volatile Organics

Lab Sample ID	L9907154-07	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW011S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R70244
Analysis Date	07/16/99 Time 22 20	Lab File ID	8M9714	Batch	WG61121

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65 1	n Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2 Tetrachloroethane	ug/L		ND	5 0	1
127 18 4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L		ND	5 0	1
87 61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1-Trichloroethane	ug/L	100		5 0	1
79 00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L	1100	D	50	10
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L	42		2 0	1
95-47-6	o-Xylene	ug/L		ND	5 0	1
108 38 3	m-Xylene	ug/L		ND	5 0	1
106 42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	114	(86 - 118%)
1 2-Dichloroethane-d4	119	(80 - 120%)
Toluene-d8	107	(88 - 110%)
4-Bromofluorobenzene	113	(86 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 08	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW011S/DUP	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 16 14	Lab File ID	9M4211	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	1000	10
71-43-2	Benzene	ug/L		ND	50	10
108 86-1	Bromobenzene	ug/L		ND	50	10
74 97 5	Bromochloromethane	ug/L		ND	50	10
75 27-4	Bromodichloromethane	ug/L		ND	50	10
75-25-2	Bromoform	ug/L		ND	50	10
74-83 9	Bromomethane	ug/L		ND	100	10
78 93-3	2-Butanone	ug/L		ND	1000	10
104 51 8	n-Butylbenzene	ug/L		ND	50	10
135 98-8	sec-Butylbenzene	ug/L		ND	50	10
98-06-6	tert-Butylbenzene	ug/L		ND	50	10
75 15 0	Carbon disulfide	ug/L		ND	50	10
56 23-5	Carbon tetrachloride	ug/L		ND	50	10
108 90-7	Chlorobenzene	ug/L		ND	50	10
124 48 1	Chlorodibromomethane	ug/L		ND	50	10
75-00-3	Chloroethane	ug/L		ND	100	10
110 75 8	2-Chloroethyl vinyl ether	ug/L		ND	100	10
67-66 3	Chloroform	ug/L		ND	50	10
74 87-3	Chloromethane	ug/L		ND	100	10
95 49-8	2-Chlorotoluene	ug/L		ND	50	10
106 43-4	4 Chlorotoluene	ug/L		ND	50	10
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	50	10
106-93-4	1 2-Dibromoethane	ug/L		ND	50	10
74-95 3	Dibromomethane	ug/L		ND	50	10
95-50-1	1 2-Dichlorobenzene	ug/L		ND	50	10
541 73-1	1 3-Dichlorobenzene	ug/L		ND	50	10
106 46 7	1 4-Dichlorobenzene	ug/L		ND	50	10
75 71 8	Dichlorodifluoromethane	ug/L		ND	100	10
75 34 3	1 1-Dichloroethane	ug/L		ND	50	10
107 06 2	1 2-Dichloroethane	ug/L		ND	50	10
75-35-4	1 1-Dichloroethene	ug/L		ND	50	10
156 59 2	cis-1 2-Dichloroethene	ug/L	290		50	10
156-60-5	trans-1 2-Dichloroethene	ug/L		ND	50	10
78-87-5	1 2-Dichloropropane	ug/L		ND	50	10
142 28-9	1 3-Dichloropropane	ug/L		ND	50	10
594 20-7	2 2-Dichloropropane	ug/L		ND	50	10
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	50	10
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	50	10
563-58-6	1 1-Dichloropropene	ug/L		ND	50	10

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-08	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW011S/DUP	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 16 14	Lab File ID	9M4211	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	50	10
	n-Hexane	ug/L		ND	100	10
591 78-6	2-Hexanone	ug/L		ND	100	10
87-68-3	Hexachlorobutadiene	ug/L		ND	50	10
98 82-8	Isopropylbenzene	ug/L		ND	50	10
99-87 6	p-Isopropyltoluene	ug/L		ND	50	10
108 10 1	4-Methyl-2-pentanone	ug/L		ND	100	10
75 09-2	Methylene chloride	ug/L		ND	50	10
91 20 3	Naphthalene	ug/L		ND	100	10
103-65 1	n-Propylbenzene	ug/L		ND	50	10
100-42 5	Styrene	ug/L		ND	50	10
630-20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	50	10
79 34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	50	10
127 18 4	Tetrachloroethene	ug/L		ND	50	10
108-88-3	Toluene	ug/L		ND	50	10
87-61-6	1 2 3-Trichlorobenzene	ug/L		ND	50	10
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	50	10
71 55-6	1 1 1-Trichloroethane	ug/L	66		50	10
79 00-5	1 1 2-Trichloroethane	ug/L		ND	50	10
79-01 6	Trichloroethene	ug/L	1300		50	10
75 69 4	Trichlorofluoromethane	ug/L		ND	100	10
96 18 4	1 2 3-Trichloropropane	ug/L		ND	50	10
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	50	10
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	50	10
108-05-4	Vinyl acetate	ug/L		ND	100	10
75 01 4	Vinyl chloride	ug/L	25		20	10
95-47-6	o-Xylene	ug/L		ND	50	10
108 38-3	m-Xylene	ug/L		ND	50	10
106-42 3	p-Xylene	ug/L		ND	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	109	(86 - 118%)
1 2-Dichloroethane-d4	108	(80 - 120%)
Toluene-d8	100	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

RL Reporting Limit

Login #L9907154
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KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 09	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWC003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS 1	Method	8260A
Extract Date	N/A	Analyst	REF	Run ID	R70114
Analysis Date	07/16/99 Time 20 26	Lab File ID	1M34929	Batch	WG61097

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591-78-6	2 Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99 87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100-42-5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L	9 3		5 0	1
87 61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82-1	1 2,4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1 Trichloroethane	ug/L		ND	5 0	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01-6	Trichloroethene	ug/L	27		5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4 Trimethylbenzene	ug/L		ND	5 0	1
108 67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95 47-6	o-Xylene	ug/L		ND	5 0	1
108 38-3	m-Xylene	ug/L	7 1	Z	5 0	1
106-42 3	p-Xylene	ug/L		Z	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	116	(86 118%)
1 2-Dichloroethane d4	118	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	102	(86 115%)

L Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-09	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWC003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS 1	Method	8260A
Extract Date	N/A	Analyst	REF	Run ID	R70114
Analysis Date	07/16/99 Time 20 26	Lab File ID	1M34929	Batch	WG61097

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74 83 9	Bromomethane	ug/L		ND	10	1
78 93 3	2-Butanone	ug/L		ND	100	1
104 51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95 49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106 93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156 59 2	cis-1 2 Dichloroethene	ug/L		ND	5 0	1
156 60-5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

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KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 10	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWB003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 16 49	Lab File ID	9M4212	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	1000	10
71 43-2	Benzene	ug/L		ND	50	10
108 86-1	Bromobenzene	ug/L		ND	50	10
74 97-5	Bromochloromethane	ug/L		ND	50	10
75 27-4	Bromodichloromethane	ug/L		ND	50	10
75 25-2	Bromoform	ug/L		ND	50	10
74 83-9	Bromomethane	ug/L		ND	100	10
78 93-3	2-Butanone	ug/L		ND	1000	10
104 51 8	n-Butylbenzene	ug/L		ND	50	10
135 98 8	sec-Butylbenzene	ug/L		ND	50	10
98-06 6	tert-Butylbenzene	ug/L		ND	50	10
75 15 0	Carbon disulfide	ug/L		ND	50	10
56 23 5	Carbon tetrachloride	ug/L		ND	50	10
108 90-7	Chlorobenzene	ug/L		ND	50	10
124 48 1	Chlorodibromomethane	ug/L		ND	50	10
75-00-3	Chloroethane	ug/L		ND	100	10
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	100	10
67 66-3	Chloroform	ug/L		ND	50	10
74 87-3	Chloromethane	ug/L		ND	100	10
95 49-8	2-Chlorotoluene	ug/L		ND	50	10
106 43-4	4-Chlorotoluene	ug/L		ND	50	10
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	50	10
106 93-4	1 2-Dibromoethane	ug/L		ND	50	10
74 95-3	Dibromomethane	ug/L		ND	50	10
95 50-1	1 2-Dichlorobenzene	ug/L		ND	50	10
541 73-1	1 3-Dichlorobenzene	ug/L		ND	50	10
106 46-7	1,4-Dichlorobenzene	ug/L		ND	50	10
75 71-8	Dichlorodifluoromethane	ug/L		ND	100	10
75 34-3	1 1-Dichloroethane	ug/L		ND	50	10
107 06-2	1 2-Dichloroethane	ug/L		ND	50	10
75 35-4	1 1-Dichloroethene	ug/L		ND	50	10
156-59-2	cis-1 2-Dichloroethene	ug/L	1900		50	10
156 60-5	trans-1 2-Dichloroethene	ug/L		ND	50	10
78 87-5	1 2-Dichloropropane	ug/L		ND	50	10
142 28-9	1 3-Dichloropropane	ug/L		ND	50	10
594 20 7	2 2-Dichloropropane	ug/L		ND	50	10
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	50	10
10061 02-6	trans-1 3-Dichloropropene	ug/L		ND	50	10
563 58 6	1 1-Dichloropropene	ug/L		ND	50	10

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-10	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWB003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 16 49	Lab File ID	9M4212	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41-4	Ethylbenzene	ug/L		ND	50	10
	n-Hexane	ug/L		ND	100	10
591-78 6	2-Hexanone	ug/L		ND	100	10
87-68-3	Hexachlorobutadiene	ug/L		ND	50	10
98-82-8	Isopropylbenzene	ug/L		ND	50	10
99-87-6	p-Isopropyltoluene	ug/L		ND	50	10
108 10-1	4-Methyl-2-pentanone	ug/L		ND	100	10
75 09-2	Methylene chloride	ug/L		ND	50	10
91 20-3	Naphthalene	ug/L		ND	100	10
103-65-1	n-Propylbenzene	ug/L		ND	50	10
100 42-5	Styrene	ug/L		ND	50	10
630 20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	50	10
79 34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	50	10
127 18-4	Tetrachloroethene	ug/L		ND	50	10
108 88-3	Toluene	ug/L		ND	50	10
87 61-6	1 2 3-Trichlorobenzene	ug/L		ND	50	10
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	50	10
71-55-6	1 1 1-Trichloroethane	ug/L	320		50	10
79 00-5	1 1 2-Trichloroethane	ug/L		ND	50	10
79 01-6	Trichloroethene	ug/L	8200	D	500	100
75 69-4	Trichlorofluoromethane	ug/L		ND	100	10
96 18-4	1 2 3-Trichloropropane	ug/L		ND	50	10
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	50	10
108 67-8	1 3 5-Trimethylbenzene	ug/L		ND	50	10
108-05-4	Vinyl acetate	ug/L		ND	100	10
75-01 4	Vinyl chloride	ug/L		ND	20	10
95 47-6	o-Xylene	ug/L		ND	50	10
108 38-3	m-Xylene	ug/L		ND	50	10
106 42-3	p-Xylene	ug/L		ND	50	10

SURROGATES- In Percent Recovery

Dibromofluoromethane	109	(86 - 118%)
1 2-Dichloroethane-d4	108	(80 120%)
Toluene-d8	100	(88 - 110%)
4-Bromofluorobenzene	100	(86 115%)

- Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 11	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWE070899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 19 06	Lab File ID	9M4216	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110-75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74 87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4 Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2-Dibromo-3 chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541-73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35-4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78-87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01-5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-11	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWE070899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 19 06	Lab File ID	9M4216	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl 2-pentanone	ug/L		ND	10	1
75-09 2	Methylene chloride	ug/L		ND	5 0	1
91-20 3	Naphthalene	ug/L		ND	10	1
103 65-1	n Propylbenzene	ug/L		ND	5 0	1
100-42 5	Styrene	ug/L		ND	5 0	1
630-20 6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L		ND	5 0	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79-00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01 6	Trichloroethene	ug/L		ND	5 0	1
75-69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67 8	1,3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05 4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L		ND	2 0	1
95-47 6	o-Xylene	ug/L		ND	5 0	1
108-38 3	m-Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	106	(86 118%)
1 2-Dichloroethane-d4	106	(80 120%)
Toluene-d8	100	(88 110%)
4-Bromofluorobenzene	99 9	(86 - 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-12	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWT070899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 19 40	Lab File ID	9M4217	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108-86-1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L		ND	100	1
104 51 8	n-Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3 Dichloropropane	ug/L		ND	5 0	1
594 20 7	2,2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 12	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWT070899	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 19 40	Lab File ID	9M4217	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108-88-3	Toluene	ug/L		ND	5 0	1
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79-00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01 6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95-47-6	o-Xylene	ug/L		ND	5 0	1
108-38-3	m-Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	106	(86 - 118%)
1 2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	99 9	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154-13	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	WL0003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 20 14	Lab File ID	9M4218	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74-97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78 93-3	2-Butanone	ug/L		ND	100	1
104 51 8	n-Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56-23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66 3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106 93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156 59 2	cis-1,2-Dichloroethene	ug/L		ND	5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78-87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3 Dichloropropene	ug/L		ND	5 0	1
10061-02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

Login #L9907154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907154 13	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	WL0003	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL PRODUCTS				
Matrix	Water	Date Collected	07/08/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R70259
Analysis Date	07/21/99 Time 20 14	Lab File ID	9M4218	Batch	WG61281

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591-78 6	2-Hexanone	ug/L		ND	10	1
87-68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10 1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09 2	Methylene chloride	ug/L		ND	5 0	1
91-20 3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L		ND	5 0	1
87-61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79-00 5	1 1 2 Trichloroethane	ug/L		ND	5 0	1
79 01 6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95-63-6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	2 0	1
95-47 6	o Xylene	ug/L		ND	5 0	1
108-38 3	m-Xylene	ug/L		ND	5 0	1
106 42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	107	(86 - 118%)
1 2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	100	(88 - 110%)
4 Bromofluorobenzene	101	(86 - 115%)

RL Reporting Limit

Order # 99 07 154
July 23 1999 03 37 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department	
WG 1097	R7011	L9907154	09	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG 1	R7 24	L9907154	01	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG 1 1	R70312	L9907154	02	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG6 1 1	R7 14	L9907154	05	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG61121	R70244	L9907154	07	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
G 1 1	R70259	L9907154	03	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG 1281	R70 59	L9907154	04	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG612 1	R70259	L9907154	06	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
G 261	R70259	L9907154	08	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG 12 1	R70259	L9907154	10	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
WG 12 1	R70259	L9907154	11	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
G6 2	R70259	L9907154	12	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS
G612 1	R7 259	L9907154	13	Water	Volatile Organics	8260A	08 JUL 1999	Volatile	GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

06/24/99

ALC	Ann L Clark
BAD	Becky A Diehl
CAR	Caleb A Robinson
CBN	C Brian Noll
CEB	Chad E Barnes
CDB	Christy D Burton
CK	Carl King
CMS	Crystal M Stevens
CRC	Carla R Cochran
DIH	Deanna I Hesson
DLN	Deanna L Norton
DLP	Dorothy L Payne
DMD	David M Dye
ECL	Eric C Lawson
FEH	Fay E Harmon
GWH	George W Hutchinson
HLC	Holly L Currey
HV	Hema Vilasagar
JCR	Jennifer C Randall
JG	Jonathan Graziani
JLH	Janice L Holland
JWR	John W Richards
JYH	Ji Y Hu
KAS	Kevin A Stutler
KHA	Kim H Archer
KJS	Kara J Stump
KRA	Kathy R Albertson
LKM	Laura K Morris
MDA	Mike D Albertson
MDC	Michael D Cochran
MES	Mary E Schiling
MLS	Michael L Schimmel
MMB	Maren M Beery
NLC	Nicole L Currey
RDC	Rebecca D Cutlip
RDS	Rebecca D Sutton
REF	Ron E Fertile
REK	Robert E Kyer
RSS	Regina S Simmons
RWC	Rodney W Campbell
SJK	Sindy J Kinney
SJM	Shawn J Marshall
SLP	Sheri L Pfalzgraf
SLT	Stephanie L Tepe
SMW	Shauna M Welch
SPL	Steve P Learn
SPS	Steve P Swatzel
TRS	Todd R Stack
VC	Vicki Collier
VMN	Vincent M Nedeff

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1 2 Diphenylhydrazine is unstable and is reported as azobenzene
3 N nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264 Appendix IX They are not always achievable for every compound and are matrix dependent

ORGANIC QA/QC

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #	WG611 1	Run Date	7 16/99	SMPL Num	07 266-01	LCS DF	1
Method	8260B	In trument ID	HPMS8	SMPL FLNM	8M9699 D	SMPL DF	1
Matrix	WATER	BLK FLNM	8M9694 D	MS FLNM:	8M9700 D	MS DF	1
Units	ug/L	LCS FLNM	8M9695 D	MSD FLNM	8M9701 D	MSD DF	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Sp'ke Level	Sample	MS	MSD	MS Spike Level	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	g/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.26	ND	19.97	20 0	ND	13 72	12.23	20 0	ND	99 9	10 0	153 0	ND	68 6	61 2	10 0	153 0	11 5	42 0						
chloromethane	0 5	ND	18 23	20 0	ND	14 71	13 45	20 0	ND	91 2	49 0	129 0	ND	73 6	67 3	49 0	129 0	8 9	30 0						
nyl chl rid	0 30	ND	19 59	20 0	301 58	166 16	148.86	20 0	ND	98 0	57 0	135 0	301.6	NA	NA	57 0	135 0	NA	30 0						
bromomethane	0 68	ND	18 72	20 0	ND	15 39	14 11	20 0	ND	93 6	58 0	140 0	ND	77 0	70 6	58 0	140 0	8 7	39 0						
chloroethane	0 44	ND	18 98	20 0	ND	15 01	13 91	20 0	ND	94 9	69 0	126 0	ND	75 1	69 6	69 0	126 0	7 6	27 0						
tri hl rofluo omethane	0 32	ND	21 50	20 0	ND	15 89	14 22	20 0	ND	107 5	67 0	152 0	ND	79 5	71 1	67 0	152 0	11 1	22 0						
isoprene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1,_ trichloro-1,2 2 trifluoroethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	4 26	ND	23 00	20 0	ND	25 79	26 72	20 0	ND	115 0	40 0	142 0	ND	129 0	133 6	40 0	142 0	3 5	40 0						
1 1-d hloroethene	0 31	ND	19 35	20 0	37 01	36 10	32 96	20 0	ND	96 8	81 0	130 0	37 0	NA	NA	81 0	130 0	NA	18 0						
dimethyl sulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
odomethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
m thylene chloride	0 74	ND	21 12	20 0	ND	20 02	18 77	20 0	ND	105 6	76 0	125 0	ND	100 1	93 9	76 0	125 0	6 4	19 0						
carbon disulfide	0 23	ND	19 19	0.0	ND	14 46	13 19	20 0	ND	96 0	70 0	138.0	ND	72.3	66 0	70 0	138 0	9 2	20 0					L	
acryl itrile	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl tert butyl ether	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1,2-dichloroethene	0.22	ND	19 95	20 0	16 44	27 17	25 02	20 0	ND	99 8	86 0	135 0	16 4	53 7	42 9	86 0	135 0	8 2	16 0				L	L	
n-h xan	NTC	0 66	NS	NS	0 49	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
myl acetate	1 00	ND	31 50	20 0	ND	30 74	30 22	20 0	ND	157 5	10 0	136 0	ND	153 7	151 1	10 0	136 0	1 7	66 0		H		H	H	
1 1-dichloroethane	0 23	ND	19 65	20 0	8 52	22 87	1 52	20.0	ND	98 3	84 0	127 0	8 5	71.8	65 0	84.0	127 0	6 1	15 0				L	L	
butanone	2 00	ND	24 31	20 0	2 56	26 83	26 84	20 0	ND	121 6	61 0	137 0	2 6	121 4	121 4	61 0	137 0	0 0	30 0						
_ dichlo propane	0.26	ND	21.81	20.0	ND	16 40	14 83	20.0	ND	109 1	79 0	130 0	ND	82.0	74 2	79 0	130 0	10 1	17 0					L	
c s 1,2-dichloroethen	0 24	ND	19 08	20 0	7 98	22 68	21.32	20 0	ND	95 4	82 0	121 0	8 0	73 5	66 7	82 0	121 0	6 2	15 0				L	L	
hloroform	0.21	ND	20.36	20 0	128 09	113 77	107 84	20 0	ND	101 8	85 0	121 0	128 1	NA	NA	85 0	121 0	NA	15 0						
bromochloromethane	0 21	ND	20 68	20 0	ND	19 46	19 18	20 0	ND	103 4	85 0	121 0	ND	97 3	95 9	85 0	121 0	1 4	15 0						
1 1 1 trichlor ethane	0 30	ND	21 48	20 0	ND	16 84	15 39	20 0	ND	107 4	78 0	127 0	ND	84 2	77 0	78 0	127 0	9 0	17 0					L	
cycl he ane	NTC	0 41	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-dichloropropene	0 29	ND	_2 30	20 0	ND	17 19	15 80	20.0	ND	111 5	91 0	133 0	ND	86 0	79 0	91 0	133 0	8 4	15 0				L	L	
arbo tetrachloride	0 30	ND	21 83	20 0	ND	16 66	15.21	20 0	ND	109 2	70 0	130 0	ND	83 3	76 1	70 0	130 0	9 1	20 0						
1,2-dichlo oethane	0 17	ND	21 66	0.0	2 77	22 99	22 35	20 0	ND	108 3	78 0	128.0	2.8	101 1	97 9	78 0	128 0	2 8	17 0						
ben ene	0 0	ND	19 02	20 0	0 42	16 29	15.37	20 0	ND	95 1	87 0	118 0	0 4	79 4	74 8	87 0	118 0	5 8	15 0				L	L	
tri hloroethene	0 30	ND	19 54	20 0	5 25	19 09	18 16	20 0	ND	97 7	83 0	123 0	5.3	69.2	64 6	83 0	123 0	5 0	15 0				L	L	
1 2-d chl p p ne	0 20	ND	19 05	20 0	ND	17 00	16 10	20 0	ND	95.3	81 0	121 0	ND	85 0	80 5	81 0	121 0	5 4	15 0					L	
b omodichloromethane	0 4	ND	_0 84	_0 0	ND	19 11	18 47	20 0	ND	104 2	81 0	1_6 0	ND	95 6	92 4	81 0	126 0	3 4	16 0						
d bromomethane	0 25	ND	21 29	20 0	ND	21 32	20 51	20 0	ND	106 5	83 0	122 0	ND	106 6	102 6	83 0	122 0	3 9	15 0						
chloroethylvinyl ether	0 79	ND	4 32	20 0	ND	13 9	28 03	20 0	ND	121 6	45 0	154 0	ND	69 6	140 2	45 0	154 0	67.3	46 0						H
4-methyl 2 pentano e	1 27	ND	23 63	20 0	ND	25 07	5 25	20 0	ND	118 2	66 0	132 0	ND	125 4	126 3	66 0	132 0	0 7	33 0						
cis-1,3-dichloropropene	0 15	ND	20 71	20.0	ND	19 09	18.35	20 0	ND	103 6	82 0	124 0	ND	95.5	91 8	82.0	124.0	4 0	15 0						
dimethyl disulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0_1	ND	20 31	20 0	ND	16 67	15 71	20 0	ND	101 6	84 0	123 0	ND	83 4	78 6	84 0	123 0	5 9	15 0				L	L	
ethyl methacrylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1,3-dichlo opropene	0 33	ND	21.38	20 0	ND	20.02	19 44	20 0	ND	106.9	80 0	124 0	ND	100 1	97.2	80 0	124 0	2 9	15 0						
1 1,2-trichloroethane	0 45	ND	21 11	0 0	7 69	27 14	26 89	20 0	ND	105 6	78 0	122 0	7 7	97 3	96 0	78 0	122 0	0 9	15 0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

W rkgroup #	WG61121	Run Date	7/16/99	SMPL Num	07 266-01	LCS DF	1
M thod	8260B	I strument ID	HPMS8	SMPL FLNM	8M9699 D	SMPL DF	1
Matrix	WATER	BLK FLNM	8M9694 D	MS FLNM	8M9700 D	MS DF	1
Units	ug/L	LCS FLNM	8M9695 D	MSD FLNM	8M9701 D	MSD DF	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spike Level	SMPL	MS	MSD	MS Spike Le el	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Targ t Analytes	g/L	ug l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		/	%	%	%	%	%	/		/	/						
2 hexanone	1 39	ND	5 39	20 0	ND	27 19	27 41	20 0	ND	127 0	57 0	130 0	ND	136 0	137 1	57 0	130 0	0.8	31 0				H	H	
1,3-dichloropropane	0 33	ND	21 12	20 0	ND	20 07	19 78	20 0	ND	105 6	78 0	123 0	ND	100 4	98 9	78 0	123 0	1 5	15 0						
tetrachl roethene	0.28	ND	19 94	20.0	0 49	15 61	14 44	20.0	ND	99 7	83 0	124 0	0.5	75.6	69 8	83 0	124 0	7 8	15 0				L	L	
dibr mochloromethan	0 45	ND	22 13	20 0	ND	21 12	0 72	20 0	ND	110 7	78 0	123 0	ND	105 6	103 6	78 0	123 0	1 9	18 0						
1,2-dibromoethan	0.33	ND	21 84	20 0	ND	20 74	20.68	20 0	ND	109 2	79 0	123 0	ND	103 7	103 4	79 0	123 0	0 3	15 0						
1 chlo ohexane	NTC	0 49	NS	20 0	ND	NS	NS	20 0	ND	NS	60 0	140 0	ND	NA	NA	60 0	140 0	NA	NA						
chlorobenzene	0 8	ND	0 33	20 0	ND	17 67	16 86	20 0	ND	101 7	70.0	130 0	ND	88 4	84 3	87 0	118 0	4 7	15 0					L	
1 1 1 2 tetrachloroethane	0 61	ND	21 86	20 0	ND	19 63	18 76	20 0	ND	109 3	82 0	123 0	ND	98.2	93 8	82 0	123 0	4 5	15 0						
ethylbenzene	0 27	ND	20 39	20 0	ND	16.47	15 58	20 0	ND	102 0	85 0	1 1 0	ND	82 4	77 9	85 0	121 0	5 6	15 0				L	L	
m+p-xylene	0 40	ND	40 47	40 0	ND	33 07	30 95	40 0	ND	101 2	86 0	121 0	ND	82 7	77 4	86 0	121 0	6 6	15 0				L	L	
o-xylene	0.22	ND	20.08	20 0	ND	16 75	16 05	20.0	ND	100 4	85 0	1 1 0	ND	83.8	80 3	85.0	121 0	4.3	15 0				L	L	
styrene	0 28	ND	20 52	20 0	ND	17 78	17 04	20 0	ND	102.6	84 0	120 0	ND	88 9	85 2	84 0	120 0	4.3	15 0						
bromoform	0 53	ND	21.22	20 0	ND	20 83	20 38	20 0	ND	106 1	73 0	124.0	ND	104 2	101 9	73 0	124 0	2.2	2 0						
sopr pylbenzene	0 22	0 29	19 94	20 0	ND	15 78	14 68	20 0	0 3	99 7	81 0	124 0	ND	78 9	73 4	81 0	124 0	7 2	15 0				L	L	
1 1,2 2 tetra hloroethane	0 67	ND	21 90	20 0	ND	21 97	21 82	20 0	ND	109.5	72.0	132 0	ND	109 9	109 1	72.0	132 0	0 7	23 0						
1,2,3 trichloropropane	0 92	ND	23 58	20 0	ND	23 97	23 75	20 0	ND	117 9	72 0	132 0	ND	119 9	118 8	72 0	132 0	0 9	21 0						
trans-1 4-dichloro-2-buten	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	60 0	140 0	ND	NS	NS	60 0	140 0	NA	20 0						
propyl benzene	0 19	0 50	20 47	20 0	ND	16 24	15 17	20 0	0 5	102 4	82 0	125 0	ND	81 2	75 9	82 0	125 0	6 8	15 0				L	L	
bromobenzene	0.37	ND	20 02	20 0	ND	18 11	17 43	20.0	ND	100 1	84 0	120 0	ND	90.6	87 2	84 0	120 0	3 8	15 0						
1,3 5 trimethylbenzen	0 22	0 49	20 27	20 0	ND	16 64	15 68	20 0	0 5	101 4	82 0	125 0	ND	83 2	78 4	82 0	125 0	5 9	15 0					L	
-chlorotoluene	0.38	ND	20.30	20 0	ND	16 16	16 37	20 0	ND	101 5	80 0	128.0	ND	80.8	81 9	80 0	128 0	1 3	15 0						
4-chlo otol ene	0 30	ND	19 85	20 0	ND	18 01	15 98	20 0	ND	99 3	80 0	127 0	ND	90 1	79 9	80 0	127 0	11 9	15 0					L	
lpha methyl styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert butyl-benzene	0 27	0 75	17 99	20 0	ND	14 2	13 72	20 0	0 8	90 0	80 0	121 0	ND	71 1	68 6	80 0	121 0	3 6	15 0				L	L	
1,2 4-trimethylbenzene	0 27	0 54	20 05	20 0	ND	16 92	16 13	20 0	0 5	100 3	84.0	125 0	ND	84.6	80 7	84.0	125 0	4.8	15.0					L	
sec-butyl-benzene	0 23	0 89	18 96	20 0	ND	14 36	13 61	20 0	0 9	94 8	80 0	125 0	ND	71 8	68 1	80 0	125 0	5 4	15 0				L	L	
p- sopropyl toluene	0 0	0 87	18 9	20 0	ND	14.56	13 92	20 0	0 9	94.6	79 0	133 0	ND	72 8	69 6	79 0	133 0	4 5	15 0				L	L	
1,3-dichlorobenzene	0 32	ND	19 66	0 0	ND	17 0	16 61	20 0	ND	98 3	70 0	130 0	ND	86 0	83 1	70 0	130 0	3 5	15 0						
1 4-d hlo obenzene	0 27	ND	19 79	20 0	ND	17 51	16 92	20 0	ND	99 0	70 0	130 0	ND	87 6	84.6	70 0	130 0	3.4	15 0						
n butyl-benzene	0 33	0 87	19 08	20 0	ND	14 37	13 62	20 0	0 9	95 4	78 0	128 0	ND	71 9	68 1	78 0	128 0	5 4	17 0				L	L	
1,2 d chl robenzene	0 30	ND	0 47	20 0	ND	18 74	18 21	20 0	ND	102 4	70 0	130 0	ND	93 7	91 1	70 0	130 0	9	15 0						
1 2-d bromo-3-chloropropane	1 70	ND	21 35	20 0	ND	49	2 90	20 0	ND	106 8	69 0	125 0	ND	112 5	114 5	69 0	125 0	1 8	26 0						
1 2 4-trichl robenzene	0 24	0 96	18 9	20 0	ND	16 78	16 72	20 0	1 0	94 6	74 0	124 0	ND	83 9	83 6	74 0	124 0	0 4	20 0						
hexachlorobutadiene	0 45	0 95	17 79	20 0	ND	13 12	12 44	20 0	1 0	89 0	67 0	131 0	ND	65 6	62 2	67 0	131 0	5 3	26 0				L	L	
naphthalene	0 51	0 54	19.51	20.0	ND	19.46	19 68	20.0	0 5	97 6	69 0	126.0	ND	97.3	98 4	69 0	126 0	1 1	24 0						
1,2,3 trichlorobenzene	0 31	1 07	18 98	20 0	ND	17 54	17 48	20 0	1 1	94 9	60 0	137 0	ND	87 7	87 4	60 0	137 0	0 3	33 0						
Surrogates																									
dib mofluo omethane		26.37	26.68	25 0	27.35	27 53	27 41	25 0	105 5	106 7	86	118	109 4	110 1	109 6										
1,2 dichloroethane-d4		28 08	28 15	25 0	29 02	29 61	29 93	25 0	112 3	112 6	80	120	116 1	118 4	119 7										
toluene-d8		27 23	27.22	25 0	26 86	26 64	26.60	25 0	108 9	108 9	88	110	107.4	106 6	106 4										
p-b omofluorobenzene		27 38	27 55	25 0	27 74	27 71	27 75	25 0	109 5	110 2	86	115	111 0	110 8	111 0										

Notes and Defi itions.

MDL= Method Detection Limit
BLK Method Blank
LCS Laboratory Control Sample
MS/MSD Matrix Sp k / Matrix Spike Duplicate

LCL Lowe r Control Limit
UCL- Upper Control Limit
H-Abo e control limit
L=Below c ntrol limit

ND N n Detected
RPD= Relati e Percent Difference
NS=Not spiked
NA Not applicable

DF=Dilutio Facto

Kemron E ironm ntal Services -OVL

Volatile Quality Control Summary

W rkgroup #	WG61319	Run Date	7/21/99	SMPL Num	07 243-09	LCS DF	1
Method	8260B	I strument ID	HPMS8	SMPL FLNM	8M9779 D	SMPL DF	10
Matrix	WATER	BLK FLNM	8M9777 D	MS FLNM	8M9780 D	MS DF	10
U its	ug/L	LCS FLNM	8M9776 D	MSD FLNM	8M9781 D	MSD DF	10

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Sp'ke Le el	Sampl	MS	MSD	MS Spike Le el	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sampl	MS	MSD	RPD
Targ t A alyte	ug/L	ug/L	g L	ug/L	ug/L	ug/L	ug/L	ug/L		/	%		/	/	/		/		/						
dichl rodifl romethane	0.26	ND	18 52	20 0	ND	129 78	130 54	200 0	ND	92 6	10 0	153 0	ND	64 9	65 3	10 0	153 0	0 6	42 0						
chl m thane	0 52	ND	13 7	20 0	ND	130 66	1 1 89	200 0	ND	68 6	49 0	129 0	ND	65 3	60 9	49 0	129 0	6 9	30 0						
vi yl hl rid	0 30	ND	14 68	20 0	ND	124 06	114 41	200 0	ND	73 4	57 0	135 0	ND	62 0	57.2	57 0	135 0	8 1	30 0						
brom m than	0 68	ND	16 32	20 0	ND	161 63	154 17	200 0	ND	81 6	58 0	140 0	ND	80 8	77 1	58 0	140 0	4 7	39 0						
hl than	0 44	ND	14 81	20 0	ND	135 22	130 34	200 0	ND	74 1	69 0	126 0	ND	67 6	65 2	69 0	126 0	3 7	27 0				L	L	
tri hlorofluoromethane	0 32	ND	18 54	20 0	ND	126.35	135 13	200 0	ND	92 7	67 0	152 0	ND	63.2	67 6	67 0	152 0	6 7	22 0				L		
sop ene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
crol	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1 tri hl o-1 trifl oroethan	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
ceto e	4 26	ND	0 7	20 0	39 12	198 76	191 00	200 0	ND	103 9	40 0	142 0	39	79 8	75 9	40 0	142 0	4 0	40 0						
1 1 d hl th e	0.31	ND	19.38	20 0	0 67	164 58	154 06	200 0	ND	96 9	81 0	130 0	0 7	82 0	76 7	81 0	130 0	6 6	18 0					1	
d m thyl sulfid	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
d m than	NTC	ND	NS	NS	3 95	NS	NS	NS	ND	NS	NA	NA	4 0	NS	NS	NA	NA	NA	NA						
m thyl hl ride	0 74	ND	1 95	20 0	7 88	27 43	14 85	200 0	ND	109 8	76 0	125 0	7 9	109 8	103 5	76 0	125 0	5 7	19 0						
carbo d sulfide	0 23	ND	13 26	20 0	ND	115 50	107 03	200 0	ND	66 3	70 0	138 0	ND	57 8	53 5	0 0	138 0	7 6	20 0		L		L	L	
acrylon trile	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
thyl tert b tyl the	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 2-d hl th	0 2	ND	0 96	20 0	ND	194 21	178 88	200 0	ND	104 8	86 0	135 0	ND	97 1	89 4	86 0	135 0	8 2	16 0						
he an	NTC	ND	NS	NS	3 61	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
l ac ta	1 00	ND	11 64	20 0	ND	109 86	105 43	200 0	ND	58 2	10 0	136 0	ND	54 9	52 7	10 0	136 0	4 1	66 0						
1 1-d chl oethane	0.23	ND	19 20	20 0	ND	180 88	170 19	200 0	ND	96 0	84 0	127 0	ND	90 4	85 1	84 0	127 0	6 1	15 0						
2 butanone	2 00	ND	24 65	20 0	9 18	220 08	07 38	200 0	ND	123 3	61 0	137 0	9 2	105 5	99 1	61 0	137 0	5 9	30 0						
di hl ropr pane	0 26	ND	18 56	20 0	ND	151 14	146 97	200 0	ND	92 8	79 0	130 0	ND	75 6	73 5	79 0	130 0	2 8	17 0				I	L	
1,2-d hl oethen	0 24	ND	20 10	20 0	ND	196 85	183 97	00 0	ND	100 5	82 0	121 0	ND	98 4	92 0	82 0	121 0	6 8	15 0						
hlo form	0 21	ND	19 74	20 0	1 07	181 41	176 82	200 0	ND	98 7	85 0	121 0	1 1	90 2	87 9	85 0	121 0	2 6	15 0						
bromochl r methan	0 1	ND	2 41	20 0	ND	220 96	205 47	200 0	ND	112 1	85 0	121 0	ND	110 5	102 7	85 0	121 0	7 3	15 0						
1 1 1 trichl oethane	0 30	ND	18 38	20 0	ND	147 45	147 70	200 0	ND	91 9	78 0	1 7 0	ND	73 7	73 9	78 0	127 0	0 2	17 0				I	L	
cycl h xane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-d hl op pene	0.29	ND	0 89	20 0	ND	174 91	167 72	200 0	ND	104 5	91 0	133 0	ND	87 5	83 9	91 0	133 0	4 2	15 0				L	I	
carbon tetra hloride	0 30	ND	18 7	20 0	ND	142.76	146.27	200 0	ND	93 6	70 0	130 0	ND	71 4	73 1	70 0	130 0	2 4	20 0						
1,2-dichloroethane	0 17	ND	18 30	20 0	ND	166 33	167 05	200 0	ND	91 5	78 0	128 0	ND	83 2	83 5	78 0	128 0	0 4	17 0						
ben	0 20	ND	19 70	20 0	ND	190 26	176 81	200 0	ND	98 5	87 0	118 0	ND	95 1	88 4	87 0	118 0	7 3	15 0						
tri hlo thene	0.30	ND	19 37	20 0	1 24	179 17	165 08	200 0	ND	96 9	83 0	1 3 0	1 2	89 0	81 9	83 0	123 0	8	15 0					L	
1 2-d chloropr pane	0 20	ND	19 91	20 0	ND	199 75	184 64	200 0	ND	99 6	81 0	121 0	ND	99 9	92 3	81 0	121 0	7 9	15 0						
b m d hl om thane	0 24	ND	0 30	20 0	ND	187 84	184 85	200 0	ND	101 5	81 0	126 0	ND	93 9	92 4	81 0	126 0	1 6	16 0						
dib om methane	0 25	ND	2 61	20 0	ND	214 48	206 81	200 0	ND	113 1	83 0	122 0	ND	107 2	103 4	83 0	122 0	3 6	15 0						
-chlo oethylvinyl ether	0 79	ND	54.34	20 0	ND	943 73	560 41	200 0	ND	271 7	45 0	154 0	ND	471 9	280 2	45 0	154 0	51 0	46 0		H		H	H	H
4-methyl 2 pentanone	1 7	ND	24 02	20 0	ND	30 63	224 85	200 0	ND	120 1	66 0	132 0	ND	115 3	112 4	66 0	132 0	2 5	33 0						
s 1,3 d hlo op open	0 15	ND	21 10	20 0	ND	203 58	193 98	200 0	ND	105 5	82 0	124 0	ND	101 8	97 0	82 0	124 0	4 8	15 0						
dimethyl d sulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tol ene	0 21	ND	20 13	20 0	1 71	190 52	179 54	200 0	ND	100 7	84 0	123 0	1 7	94 4	88 9	84 0	123 0	5 9	15 0						
ethyl m th crylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tran 1,3-d chl p pene	0.33	ND	20 85	20 0	ND	192 96	189 70	200 0	ND	104 3	80 0	124 0	ND	96 5	94 9	80 0	124 0	1 7	15 0						
1 1 trichl r ethane	0 45	ND	2 70	20 0	ND	214 71	208 02	200 0	ND	113 5	78 0	12 0	ND	107 4	104 0	78 0	122 0	3 2	15 0						

K m E viro m tal S rvi es -OVL
V latil Q lity C trol S mmary

Workgro p #	WG61319	Run Date	7/21/99	SMPL Num	07 243-09	LCS DF	1
Method	8260B	I strum t ID	HPMS8	SMPL FLNM	8M9779 D	SMPL DF	10
Matrix	WATER	BLK FLNM	8M9777 D	MS FLNM	8M9780 D	MS DF	10
Units	ug/L	LCS FLNM	8M9776 D	MSD FLNM	8M9781 D	MSD DF	10

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spike Le el	SMPL	MS	MSD	MS Spike Lev l	BLK	LCS	LCS LCL	LCS UCL	Sampl	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RI D
Targ t A lytes	ug/L	ug/L	ug/L	ug/L	g/L	g/L	g/L	g/L	%	/	/	%	%		/	/	/	%	%						
2 he an	1.39	ND	25 36	20 0	ND	247.25	236 61	200 0	ND	126 8	57 0	130 0	ND	123 6	118.3	57 0	130 0	4 4	31 0						
1 3-d hl p pan	0.33	ND	2 47	20 0	ND	213 57	206 09	200 0	ND	112 4	78 0	123 0	ND	106 8	103 0	78 0	123 0	3 6	15 0						
tetrachl oeth e	0.28	ND	17 84	20 0	ND	151 09	145 92	200 0	ND	89 2	83 0	124 0	ND	75 5	73 0	83 0	124 0	3 5	15 0				L	L	
d bromochloromethane	0 45	ND	22 26	20 0	ND	208 36	204 75	200 0	ND	111 3	78 0	123 0	ND	104 2	102 4	78 0	123 0	1 7	18 0						
1 d b moethane	0.33	ND	23 71	20 0	ND	224 46	218 27	200 0	ND	118 6	79 0	123 0	ND	112.2	109 1	79 0	123 0	8	15 0						
1 hlo h	NTC	ND	20 26	20 0	ND	162 84	165 81	200 0	ND	101 3	60 0	140 0	ND	81 4	82 9	60 0	140 0	1 8	NA						
hl ob nze e	0.28	ND	0 24	20 0	ND	194 01	188 67	200 0	ND	101 2	70 0	130 0	ND	97 0	94 3	87 0	118 0	2 8	15 0						
1 1 1 2 tetr hl oethan	0 61	ND	21 29	20 0	ND	197 86	194 00	200 0	ND	106 5	82 0	123 0	ND	98 9	97 0	82 0	123 0	2 0	15 0						
ethylbenzene	0.27	ND	19 56	20 0	0 73	179 81	174 24	200 0	ND	97 8	85 0	121 0	0 7	89 5	86 8	85 0	121 0	3 1	15 0						
m p ylene	0 40	ND	38 39	40 0	3 03	357 90	345 93	400 0	ND	96 0	86 0	121 0	3 0	88 7	85 7	86 0	121 0	3 4	15 0					L	
o- ylen	0 22	ND	19 47	20 0	2 80	186 79	182 21	200 0	ND	97 4	85 0	121 0	2 8	9 0	89 7	85 0	121 0	2 5	15 0						
ty e	0 28	ND	20 35	20 0	ND	194 87	189 15	200 0	ND	101 8	84 0	120 0	ND	97 4	94 6	84 0	120 0	3 0	15 0						
b moform	0.53	ND	21 17	20 0	ND	192 28	191 19	200 0	ND	105 9	73 0	124 0	ND	96 1	95 6	73 0	124 0	0 6	22 0						
sop pylbenz	0.22	ND	18 55	20 0	ND	165 08	159 04	200 0	ND	92 8	81 0	124 0	ND	82 5	79 5	81 0	124 0	3 7	15 0					L	
1 1 2 2 tetra hl oethan	0 67	ND	27 17	20 0	ND	264 50	251 72	200 0	ND	135 9	72 0	132 0	ND	132 3	125 9	72 0	132 0	5 0	23 0		H		H		
1,_ 3 tri hlorop opan	0 92	ND	26 66	20 0	ND	249 53	241 21	200 0	ND	133 3	72 0	132 0	ND	124 8	120 6	72 0	132 0	3 4	21 0		H				
tran 1 4-d chl o-2 b ten	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	60 0	140 0	ND	NS	NS	60 0	140 0	NA	20 0						
p pyl be ze	0 19	ND	21 3	20 0	ND	194 69	188 30	200 0	ND	106 6	82 0	125 0	ND	97 3	94	82 0	125 0	3 3	15 0						
brom benze	0.37	ND	21 56	20 0	ND	212 84	205 57	200.0	ND	107 8	84 0	120 0	ND	106 4	102 8	84 0	120 0	3 5	15 0						
1 3 trim thylbe	0 22	ND	20 33	20 0	1 27	186 84	180 89	00 0	ND	101 7	82 0	125 0	1 3	92 8	89 8	82 0	125 0	3 2	15 0						
chlor toluene	0 38	ND	20 16	20 0	ND	01 53	197 81	200 0	ND	100 8	80 0	128 0	ND	100 8	98 9	80 0	128 0	1 9	15 0						
4-chl tol	0 30	ND	21 89	20 0	ND	204 30	194 15	200 0	ND	109 5	80 0	127 0	ND	102 2	97 1	80 0	127 0	5 1	15 0						
alpha methyl styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert b tyl b e	0 27	0 35	19 96	20 0	ND	178 62	175 26	200 0	0 4	99 8	80 0	121 0	ND	89.3	87 6	80 0	121 0	1 9	15 0						
1 4 trim thylbe zene	0.27	0 28	0 58	20 0	4 21	187 14	180 38	200 0	0 3	10 9	84 0	125 0	4 2	91 5	88 1	84 0	125 0	3 7	15 0						
ec b tyl benz	0 23	0 54	19 43	20 0	ND	166 35	164 76	00 0	0 5	97 2	80 0	125 0	ND	83 2	82 4	80 0	125 0	1 0	15 0						
p-isopropyl toluene	0.20	0 48	18 3	20 0	ND	158 41	156 74	200 0	0 5	93 2	79 0	133 0	ND	79 2	78 4	79 0	133 0	1 1	15 0					L	
1 3 d hl be en	0.32	ND	20 26	20 0	ND	198 99	192 08	200 0	ND	101 3	70 0	130 0	ND	99 5	96 0	70 0	130 0	3 5	15 0						
1 4-dichlorobenzene	0.27	ND	0 34	20 0	ND	200 64	194 41	00 0	ND	101 7	70 0	130 0	ND	100 3	97	70 0	130 0	3 2	15 0						
b tyl benze e	0 33	0 76	19 72	20 0	1 34	156 47	154 55	200 0	0 8	98 6	78 0	128 0	1.3	77 6	76 6	78 0	128 0	1 2	17 0				L	L	
1 2 d chlo benzene	0.30	ND	21 56	20 0	ND	12 16	206 35	200 0	ND	107 8	70 0	130 0	ND	106 1	103	70 0	130 0	8	15 0						
1 2 dib mo-3-chlo op opane	1 70	ND	4 65	20 0	ND	231.27	224 06	200 0	ND	1_3 3	69 0	125 0	ND	115 6	112 0	69 0	125 0	3 2	26 0						
1 4-trichlorobenzene	0.24	0 54	19 41	0 0	ND	174 0	171 46	200 0	0 5	97 1	74 0	124 0	ND	87 1	85 7	74 0	124 0	1 6	20 0						
h xachlo b tad ene	0 45	1 1	17 35	20 0	5 02	146 64	145 44	200 0	1 1	86 8	67 0	131 0	5 0	70 8	70 2	67 0	131 0	0 8	26 0						
naphthal ne	0 51	ND	22 16	20 0	14 32	206 43	197 12	200.0	ND	110 8	69 0	126 0	14 3	96 1	91 4	69 0	126 0	4 6	24 0						
1,_ 3 tri hl b nz ne	0 31	0 59	19 78	20 0	ND	179._0	177 41	200 0	0 6	98 9	60 0	137 0	ND	89 6	88 7	60 0	137 0	1 0	33 0						
Surrogates																									
d b omofl o methan		26 23	6 47	5 0	25 84	25 66	25 90	25 0	104 9	105 9	86	118	103 4	102 6	103 6										
1,_-di hl thane-d4		23 50	23 40	5 0	22 01	21 11	21 98	25 0	94 0	93 6	80	120	88 0	84 4	87 9										
tolu ne-d8		25 77	25 77	25 0	25 66	_5 67	26 12	25 0	103 1	103 1	88	110	102 6	102 7	104 5										
p b mofiu be en		28 37	28 76	25 0	28 29	28 57	29 19	25 0	113 5	115 0	86	115	113 2	114.3	116 8						H			H	

N t s and Definitions

MDL Method D tection Limit
BLK M thod Blank
LCS Laboratory C tr l Sample
MS/MSD Matri Sp ke / Matrix Spike Duplicate

LCL Lower C ntrol L mit
UCL Upper Control Limit
H Abo e control limit
L-Below contr l limit

ND= N n Detected
RPD= Relative Percent Difference
NS Not spiked
NA-Not applicable

DF D l tio Facto

K mron E viro m ntal Servic OVL

Volatil Quality Control Summary

Workgroup #·	WG61281	**Run D te**	7/21 99	**SMPL Num**	07 154 10	**LCS DF**	1
Method	8260B	**Instrument ID·**	HPMS9	**SMPL FLNM**	9M4713 D	**SMPL DF**	100
M trix	WATER	**BLK FLNM**	9M4201 D	**MS FLNM**	9M4 14 D	**MS DF**	100
Units	ug/L	**LCS FLNM**	9M4202 D	**MSD FLNM**	9M4215 D	**MSD DF**	100

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spik Level	Sample	MS	MSD	MS Spike Level	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analyt	ug/L	g/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		%		/	%			%	/		%						
d hlorodifluoromethan	0 26	ND	5 81	20 0	ND	2499 08	2545 37	2000 0	ND	129 1	10 0	153 0	ND	125 0	127 3	10 0	153 0	1 8	42 0						
hloromethane	0 52	ND	19 48	20 0	ND	1964 21	2069 86	2000 0	ND	97 4	49 0	129 0	ND	98 2	103 5	49 0	129 0	5 2	30 0						
vinyl chloride	0 30	ND	22 10	20 0	ND	2259 25	2348 96	2000 0	ND	110 5	57 0	135 0	ND	113 0	117 4	57 0	135 0	3 9	30 0						
bromomethane	0 68	ND	24 29	0 0	ND	2_38 81	2463 71	2000 0	ND	121 5	58 0	140 0	ND	111 9	123 2	58 0	140 0	9 6	39 0						
chloroethane	0 44	ND	1 18	20 0	ND	2090 10	2180 85	2000 0	ND	105 9	69 0	126 0	ND	104 5	109 0	69 0	1 60	4 2	7 0						
tri hlo oflu r m thane	0 32	ND	23 07	20 0	ND	2257 20	2285 86	2000 0	ND	115 4	67 0	152 0	ND	112 9	114 3	67 0	152 0	1 3	22 0						
isoprene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
a rol in	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 -trichloro 1 ., -trifluoroethan	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
cet ne	4 26	ND	21 47	20 0	ND	1818 61	1904 05	2000 0	ND	107 4	40 0	142 0	ND	90 9	95 2	40 0	142 0	4 6	40 0						
1 1-dichl roeth ne	0 31	ND	22 52	20 0	ND	2199 55	2 82 71	2000 0	ND	11 6	81 0	130 0	ND	110 0	114 1	81 0	130 0	3 7	18 0						
dim thyl sulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
odomethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
m thylene chloride	0 74	ND	2 40	0 0	ND	2201 72	2234 35	2000 0	ND	112 0	76 0	125 0	ND	110 1	111 7	76 0	1 50	1 5	19 0						
carbon disulfide	0 23	ND	15 35	20 0	ND	1496 30	1540 80	2000 0	ND	76 8	70 0	138 0	ND	74 8	77 0	70 0	138 0	2 9	20 0						
rylonitril	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl tert butyl ether	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 2 dichl roethene	0 22	ND	4 15	20 0	32 69	432 97	2485 86	000 0	ND	120 8	86 0	135 0	32 7	120 0	122 7	86 0	135 0	2 2	16 0						
n hexan	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
inyl cetat	1 00	ND	12 15	20 0	ND	956 85	1022 45	2000 0	ND	60 8	10 0	136 0	ND	47 8	51 1	10 0	136 0	6 6	66 0						
1 1-dichloroethane	0 23	ND	1 58	20 0	ND	2251 43	245 78	2000 0	ND	107 9	84 0	127 0	ND	112 6	112 3	84 0	127 0	0 3	15 0						
butan n	2 00	ND	20 03	20 0	ND	1687 82	1752 45	2000 0	ND	100 2	61 0	137 0	ND	84 4	87 6	61 0	137 0	3 8	30 0						
-di l loropropane	0 6	ND	4 16	0 0	ND	1886 50	1887 09	2000 0	ND	120 8	79 0	130 0	ND	94 3	94 4	79 0	130 0	0 0	17 0						
is 1 2-d chloroethen	0 24	ND	2 48	20 0	1922 43	4314 40	4337 66	2000 0	ND	112 4	8 0	121 0	1922 4	119 6	1 08	82 0	121 0	0 5	15 0						
hloroform	0 1	ND	3 14	20 0	ND	2313 86	233 75	2000 0	ND	115	85 0	121 0	ND	115 7	116 6	85 0	121 0	0 8	15 0						
br m hlo methan	0 21	ND	24 10	0 0	ND	2390 0	2408 85	000 0	ND	120 5	85 0	1 1 0	ND	119 5	120 4	85 0	121 0	0 8	15 0						
1 1 1 tri hloroethane	0 30	ND	4 36	0 0	331 71	2703 40	723 98	2000 0	ND	1 1 8	78 0	127 0	331 7	118 6	119 6	78 0	1 7 0	0 8	17 0						
cy lohexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-d hloropropen	0 29	ND	4 84	20 0	ND	2436 90	2484 77	2000 0	ND	1 4	91 0	133 0	ND	121 8	124	91 0	133 0	1 9	15 0						
carbon t trachl ride	0 30	ND	25 50	20 0	ND	_506 04	2529 48	2000 0	ND	127 5	70 0	130 0	ND	1 5 3	126 5	70 0	130 0	0 9	20 0						
1 -di hl roethane	0 1	ND	_ 56	_0 0	ND	_300 95	2792 61	2000 0	ND	11 8	78 0	1_8 0	ND	115 0	114 6	78 0	128 0	0 4	17 0						
benzen	0 0	ND	22 60	20 0	ND	324 87	344 1	2000 0	ND	113 0	87 0	118 0	ND	116 2	117 2	87 0	118 0	0 8	15 0						
tri hl oethen	0 30	ND	3 6	0 0	8178 51	10050 15	10019 44	000 0	ND	116 3	83 0	123 0	8178 5	93 6	92 0	83 0	1 3 0	0 3	15 0						
1 -d hl opr pan	0 0	ND	20 70	0 0	ND	134 4	136 03	000 0	ND	103 5	81 0	121 0	ND	106	106 8	81 0	121 0	0 1	15 0						
b mod hlo omethane	0 4	ND	69	0 0	ND	346 27	_3 48	000 0	ND	118 5	81 0	126 0	ND	117 3	118 6	81 0	120 0	1 1	16 0						
d br mom thane	0 25	ND	23 34	20 0	ND	2342 11	341 95	2000 0	ND	116 7	83 0	122 0	ND	117 1	117 1	83 0	12 0	0 0	15 0						
hlor ethylvinyl ther	0 9	ND	6 78	20 0	ND	51 93	66 4	2000 0	ND	33 9	45 0	154 0	ND	6	3 3	45 0	154 0	24 5	46 0		L		L	L	
4 methyl pentanone	1 27	ND	23 70	20 0	ND	113 1	2202 55	2000 0	ND	118 5	66 0	132 0	ND	105 7	110 1	66 0	13 0	4 1	33 0						
is 1,3-dichloropropene	0 5	ND	23 9	20 0	ND	_310 82	2312 24	2000 0	ND	119 9	82 0	124 0	ND	115 5	115 6	8 0	1 40	0 1	15 0						
dim thyl disulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluen	0 21	ND	1 24	20 0	ND	2137 45	154 18	2000 0	ND	106	84 0	123 0	ND	106 9	107 7	84 0	1 3 0	0 8	15 0						
ethyl methacrylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 3 d chl opr p n	0 33	ND	0 91	20 0	ND	1983 17	1997 84	2000 0	ND	104 6	80 0	1 4 0	ND	99	99 6	80 0	1 10	0 5	1 0						
1 1 rn hl roethan	0 4	ND	21 03	0 0	ND	2143 55	141 3	2000 0	ND	105	78 0	12 0	ND	107	107 1	78 0	122 0	0 1	15 0						

K mron E viro m ntal Services OVL
Volatile Quality Control Summary

W rkgroup #	WG61 81	**Run Date**	7/21/99	SMPL Num.	07 154 10	**LCS DF**	1
Method	8260B	**Instrument ID**	HPMS9	SMPL FLNM.	9M4213 D	**SMPL DF**	100
Matrix.	WATER	**BLK FLNM**	9M4201 D	MS FLNM.	9M4214 D	**MS DF**	100
Units	ug/L	**LCS FLNM**	9M4202 D	MSD FLNM.	9M4215 D	**MSD DF**	100

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spik Level	SMPL	MS	MSD	MS Spik Lev l	BLK	LCS	LCS LCL	LCS UCL	Sampl	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Ta g t Analytes	ug/L	ug/l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		%	%		%	%	%	%		%							
hexan ne	1 39	ND	18 77	20 0	ND	1729.96	1743 42	2000 0	ND	93 9	57 0	130 0	ND	86 5	87 2	57 0	130 0	0 8	31 0						
1 3-di hloropropane	0 33	ND	20 ?4	20 0	ND	2025 14	2018 80	2000 0	ND	101 2	78 0	123 0	ND	101 3	100 9	78 0	123 0	0 3	15 0						
tetrachlo oethene	0 28	ND	21 39	20 0	ND	2080 95	..097 26	2000 0	ND	107 0	83 0	124 0	ND	104 0	104 9	83 0	124 0	0 8	15 0						
d b mochl r methane	0 45	ND	23 23	20 0	ND	2253 82	2249 83	2000 0	ND	116 2	78 0	123 0	ND	112 7	112.5	78 0	123 0	0 2	18 0						
1 .. dib omoethan	0 33	ND	1 _9	0 0	ND	2058 86	2075 91	2000 0	ND	106 5	79 0	123 0	ND	102 9	103 8	79 0	123 0	0 8	15 0						
1-chl r hexan	NTC	ND	21 86	20 0	ND	116 88	21 6 19	?000 0	ND	109 3	60 0	140 0	ND	105 8	106 3	60 0	140 0	0 4	NA						
cnlorobenzen	0 28	ND	21 1	20 0	ND	2143 16	2139 07	?000 0	ND	105 6	70 0	130 0	ND	107 2	107 0	87 0	118 0	0	15 0						
1 1 ?-t trachloroethane	0 61	ND	27 90	20 0	ND	?68 64	2275 83	2000 0	ND	114 5	82 0	123 0	ND	113 4	113 8	82 0	123 0	0 3	15 0						
thylbenzene	0 27	ND	21 _5	20 0	ND	_138.22	2170 54	000 0	ND	106.3	85 0	121 0	ND	106 9	108 5	85 0	121 0	1 5	15 0						
m+p-xylene	0 40	ND	43 69	40 0	ND	4392..2	4431 30	4000 0	ND	109 2	86 0	1 1 0	ND	109 8	110 8	86 0	121 0	0 9	15 0						
o-xyle e	0	ND	1 19	20 0	ND	_1?? 99	135 95	2000 0	ND	106 0	85 0	121 0	ND	106 1	106 8	85 0	1 1 0	0 6	15 0						
tyr n	0 28	ND	2 06	20 0	ND	2 8 61	2 23 ?6	2000 0	ND	110 3	84 0	120 0	ND	111 4	111 2	84 0	120 0	0 2	15 0						
brom form	0 53	ND	3 84	20 0	ND	2331 17	2327.27	2000 0	ND	119	73 0	124 0	ND	116 6	116 4	73 0	124 0	0 2	22 0						
isopropylbenzene	0 27	ND	22 33	20 0	ND	03 99	2234 95	2000 0	ND	111 7	81 0	124 0	ND	110 2	111 7	81 0	1 4 0	1 4	15 0						
1 .. tetrachloroethane	0 67	ND	19 67	20 0	ND	1959 79	1971 7	2000 0	ND	98 4	7 0	132 0	ND	98 0	98 6	72 0	132 0	0 6	3 0						
1 2,3 tri 1 l r p opane	0 92	ND	0 60	?0 0	ND	2003 63	2003 29	2000 0	ND	103 0	72 0	132 0	ND	100 2	100 2	72 0	132 0	0 0	21 0						
trans-1 4-d hloro-2 but n	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	60 0	140 0	ND	NS	NS	60 0	140 0	NA	0 0						
p p l benze	0 19	ND	?1 23	0 0	ND	2072 64	2101 16	2000 0	ND	106	8 0	125 0	ND	103 6	105 1	82 0	125 0	1 4	15 0						
oromobenzene	0 37	ND	0 61	20 0	ND	1988 49	0..6 41	2000 0	ND	103 1	84 0	120 0	ND	99 4	101 3	84 0	120 0	1 9	15 0						
1 3 trimetl ylbenze	0 ?2	ND	?1 35	?0 0	ND	2063 81	102 ?7	2000 0	ND	106 8	82 0	125 0	ND	103 2	105 1	8 0	125 0	1 9	15 0						
-chl otoluen	0 38	ND	0 31	0 0	ND	1931 60	2027 48	2000 0	ND	101 6	80 0	128 0	ND	96 6	101 4	80 0	128 0	4 8	15 0						
4 hlorotoluen	0 30	ND	0 30	20 0	ND	2024 42	1994 48	2000 0	ND	101 5	80 0	127 0	ND	101 ?	99 7	80 0	127 0	1 5	15 0						
ipha methyl styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
t rt butyl benzene	0 27	ND	21 84	20 0	ND	2094 51	2125 74	2000 0	ND	109 2	80 0	1 1 0	ND	104 7	106 3	80 0	121 0	1 5	15 0						
1 ..,4 trim thylbenzene	0	ND	20 58	0 0	ND	2003 96	?025 38	2000 0	ND	10 9	84 0	1 5 0	ND	100	101 3	84 0	125 0	1 1	15 0						
butyl benzen	0 23	ND	20 36	20 0	ND	1976 86	2015 28	2000 0	ND	101 8	80 0	125 0	ND	98 8	100 8	80 0	125 0	1 9	15 0						
p-isopropyl toluen	0 20	ND	?0 _8	?0 0	ND	1947 83	1980 6	2000 0	ND	101 4	79 0	133 0	ND	97 4	99 0	79 0	133 0	1 7	15 0						
1 3-d chlo obenzene	0 32	ND	20 45	0 0	ND	1969 2	1994 19	2000 0	ND	102 3	70 0	130 0	ND	98 5	99 7	70 0	130 0	1 3	15 0						
1 4-dichlorobenzene	0 ?7	ND	0 31	_0 0	ND	1963 ?4	1974 28	2000 0	ND	101 6	70 0	130 0	ND	98 2	98 7	70 0	130 0	0 6	15 0						
n butyl-benzen	0 33	ND	20 33	0 0	ND	1924 22	1954 37	2000 0	ND	101 7	78 0	128 0	ND	96 2	97 7	78 0	128 0	1 6	17 0						
1 -dichlorobenzene	0 30	ND	0 89	20 0	ND	2005 84	030 06	2000 0	ND	104 5	70 0	130 0	ND	100 3	101 5	70 0	130 0	1	15 0						
1 d br m 3 hl p pan	1 0	ND	1 57	0 0	ND	1869 23	1932 2	2000 0	ND	10 9	69 0	1 5 0	ND	93 5	96 6	69 ?	125 0	3 3	6 0						
1 4 tri hlorobenzene	0 4	? 1	0 8	0 0	ND	1836 93	18?0 13	2000 0	0 3	104 4	71 0	1 4 0	ND	91 8	93 ?	4 0	1 4 0	1 8	0 0						
hl b t di	0 45	0 8?	16 94	0 0	ND	1503 05	1560 04	000 0	0 9	84 7	67 ?	131 0	ND	5	78	67 0	131 0	3 7	6 0						
naphthalene	0 51	ND	1 64	20 0	ND	1920 50	1944 40	000 0	ND	108	69 0	1..6 0	ND	96 0	97	69 0	1 6 0	1	24 0						
1 3 tri hl r benzen	0 31	0 48	19 94	20 0	ND	1766 18	1806 7	2000 0	0 5	99 7	60 0	137 0	ND	88 3	90 3	60 0	137 0	2 3	33 0						
Surrogates																									
dib omofluorom thane		26 3	27 _2	25 0	27 08	27 03	26 89	25 0	106 9	108 9	86	118	108 3	108 1	107 6										
1 ? dichloroethane-d4		6 31	2o 39	25 0	26 91	26 ?7	25 94	?5 0	105	105 6	80	120	107 6	105 1	103 8										
tolu -d8		_5 1?	?4 95	25 0	?5 1	24 90	24 91	25 0	100 5	99 8	88	110	100 5	99 6	99 6										
p-l m iluo b nz n		5 9	4 22	5 0	4 95	3 49	23 65	5 0	1 0 4	96 9	86	115	99 8	94 0	94 6										

Not as d Definitions

MDL Method Detection Limit
BLK M thod Blank
LC S Labo tory Control Sample
MS MsD Matrix Spike / Matrix Spike Duplic te

LCL Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L Below control limit

ND Non Detected
RPD Relative Percent D fference
NS Not spiked
NA Not applicable

DF Dilut n Facto

Kem E iro me t l Services -OVL

Volatile Quality Control Summary

Workgro p #	WG61349	R D te	7 2 99	SMPL Num	07 191 11	LCS DF	1
Method	8260B	I strument ID	HPMS8	SMPL FLNM	8M9804 D	SMPL DF	10
Matrix	WATER	BLK FLNM	8M9801 D	MS FLNM	8M9805 D	MS DF	10
Units	ug/L	LCS FLNM	8M9800 D	MSD FLNM	8M9806 D	MSD DF	10

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Le l	Sample	MS	MSD	MS Sp ke Level	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		%			%	%		%	%	%	%						
dichlorodifluoromethane	0.26	ND	20.25	20 0	ND	201 40	199 59	200 0	ND	101 3	10 0	153 0	ND	100 7	99 8	10 0	153 0	0 9	42 0						
hl rom thane	0 52	ND	14 44	20 0	ND	142.29	138 09	200 0	ND	72 2	49 0	129 0	ND	71 1	69 0	49 0	129 0	3 0	30 0						
vinyl chloride	0.30	ND	15 60	20 0	ND	154 42	149 83	200 0	ND	78 0	57 0	135 0	ND	77 2	74 9	57 0	135 0	3 0	30 0						
bromomethane	0 68	ND	16 97	20 0	ND	166 53	164.35	200 0	ND	84 9	58 0	140 0	ND	83 3	82 2	58 0	140 0	1.3	39 0						
chloroethane	0.44	ND	15 47	20 0	ND	148.01	149 41	200 0	ND	77 4	69 0	126 0	ND	74.0	74 7	69 0	126 0	0 9	27 0						
trichlor fluoromethane	0 32	ND	20 15	20 0	ND	168 25	184 07	200 0	ND	100 8	67 0	152 0	ND	84 1	92 0	67 0	152 0	9 0	22 0						
isoprene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acr lein	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1,2 trichloro-1,2,2-trifluoroethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	4 26	ND	18 05	20 0	5 89	226.34	247 99	200 0	ND	90 3	40 0	142 0	53	86 7	97 6	40 0	142 0	9 1	40 0						
1 1-d chloroethene	0.31	ND	20 57	20 0	ND	202 95	202 03	200 0	ND	102 9	81 0	130 0	ND	101 5	101 0	81 0	130 0	0 5	18 0						
d m thyl sulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
odomethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
ethyle e chloride	0 74	ND	22 32	20 0	ND	231 36	222 86	200 0	ND	111 6	76 0	125 0	ND	115 7	111 4	76 0	125 0	3 7	19 0						
arbon disulfide	0.3	ND	11.21	20.0	ND	118 61	112 97	200.0	ND	56 1	70 0	138.0	ND	59.3	56 5	70 0	138 0	4 9	0 0		L		L	L	
acrylonitrile	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl tert b tyl ether	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1 2-dichl oethene	0 22	ND	21 53	20 0	ND	213 61	213 41	200 0	ND	107 7	86 0	135 0	ND	106 8	106 7	86 0	135 0	0 1	16 0						
n-hexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
myl etate	1 00	ND	8 46	20 0	ND	92 54	92 80	200 0	ND	42 3	10 0	136 0	ND	46 3	46 4	10 0	136 0	0 3	66 0						
1 1 di hloroethane	0 23	ND	19 40	20 0	ND	189 56	189 70	200 0	ND	97 0	84 0	127 0	ND	94 8	94 9	84 0	127 0	0 1	15 0						
2 butanone	2 00	ND	1 74	20 0	ND	252 70	267 92	200 0	ND	108 7	61 0	137 0	ND	126 4	134 0	61 0	137 0	5 8	30 0						
2-dichloropropane	0.26	ND	19 62	20.0	ND	169 76	171 00	200.0	ND	98 1	79 0	130 0	ND	84 9	85 5	79 0	130 0	0 7	17 0						
c s 1,2 dichloroethene	0 24	ND	20 54	20 0	ND	201 24	201 18	200 0	ND	102 7	82 0	121 0	ND	100 6	100 6	82 0	121 0	0 0	15 0						
chloroform	0.21	ND	19 90	20 0	ND	183 06	187.42	200 0	ND	99 5	85 0	121 0	ND	91.5	93 7	85 0	121 0	2.4	15 0						
bromo hl romethane	0 1	ND	21 99	20 0	ND	222 74	224 52	200 0	ND	110 0	85 0	121 0	ND	111 4	112 3	85 0	121 0	0 8	15 0						
1 1 1 trichloroethane	0 30	ND	19 48	20 0	ND	168 13	175 75	200 0	ND	97 4	78 0	127 0	ND	84 1	87 9	78 0	127 0	4 4	17 0						
cy lohexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1 di hl ropropene	0 29	ND	21 66	20 0	ND	207 78	210 52	200 0	ND	108 3	91 0	133 0	ND	103 9	105.3	91 0	133 0	1 3	15 0						
carbon tetrachloride	0.30	ND	20 41	20 0	ND	172 95	184 23	200 0	ND	10 1	70 0	130 0	ND	86 5	92 1	70 0	130 0	6.3	20 0						
1,-dichloroethane	0 17	ND	18 11	20 0	ND	166 58	175 74	200 0	ND	90 6	78 0	128 0	ND	83.3	87 9	78 0	128.0	5 4	17 0						
benzene	0 20	ND	19 96	0 0	ND	198 70	196 51	200 0	ND	99 8	87 0	118 0	ND	99 4	98 3	87 0	118 0	1 1	15 0						
trichloroethene	0.30	ND	19 76	20 0	ND	193 83	192 69	200 0	ND	98 8	83 0	123 0	ND	96 9	96 3	83 0	123 0	0 6	15 0						
1,2-d chl r propane	0 20	ND	19 81	0 0	ND	197.37	194 23	200 0	ND	99 1	81 0	1 1 0	ND	98 7	97 1	81 0	121 0	1 6	15 0						
b omodichloromethane	0 4	ND	0 16	0 0	ND	183 81	191 01	200 0	ND	100 8	81 0	126 0	ND	91 9	95 5	81 0	126 0	3 8	16 0						
d brom methane	0 25	ND	22 09	20 0	ND	225 02	226 86	200 0	ND	110 5	83 0	122 0	ND	11 5	113 4	83 0	122 0	0 8	15 0						
-chloroethylvinyl ether	0 79	ND	36 14	20 0	ND	71 29	14 43	200 0	ND	280 7	45 0	154 0	ND	35.6	7.2	45 0	154 0	132 7	46 0		H		L	L	H
4-methyl 2 pentan ne	1 27	ND	21 99	20 0	ND	252 43	263 51	200 0	ND	110 0	66 0	132 0	ND	126.2	131 8	66 0	132 0	4 3	33 0						
c s-1,3-d chloropropene	0 15	ND	20.92	20.0	ND	202 2	201 71	200.0	ND	104 6	82 0	124 0	ND	101 1	100 9	82 0	124 0	0 3	15 0						
dimethyl disulfide	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0 21	ND	20 41	20 0	ND	198 14	194.4	200 0	ND	10 1	84 0	123 0	ND	99 1	97 2	84 0	123 0	1 9	15 0						
thyl methacrylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0 33	ND	0 24	0 0	ND	194 40	195 16	200 0	ND	101.2	80 0	1 4 0	ND	97.2	97 6	80 0	124 0	0 4	15 0						
1 1 trichloroethane	0 45	ND	21 57	20 0	ND	225 51	23 56	200 0	ND	107 9	78 0	122 0	ND	112 8	111 8	78 0	122 0	0 9	15 0						

K m E viro m tal Services -OVL
Volatile Quality Control Summary

Workgroup #	WG61349	Run Date	7 2 99	SMPL Num	07 191 11	LCS DF	1
Method	8260B	I trume t ID	HPMS8	SMPL FLNM	8M9804 D	SMPL DF	10
Matrix	WATER	BLK FLNM	8M9801 D	MS FLNM	8M9805 D	MS DF	10
Units	ug/L	LCS FLNM	8M9800 D	MSD FLNM	8M9806 D	MSD DF	10

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spike Le el	SMPL	MS	MSD	MS Spike Le el	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	g/L	ug/L	ug/L	ug/L	ug/L	g/L	ug/L	g/L		%	%	%	%	%	%	%	%	%	%						
hexanone	1.39	ND	22 04	20 0	ND	264 88	273 46	200 0	ND	110 2	57 0	130 0	ND	132 4	136 7	57 0	130 0	3.2	31 0				H	H	
1 3-dichloropropane	0 33	ND	21 48	20 0	ND	218 77	218 59	200 0	ND	107 4	78 0	123 0	ND	109 4	109 3	78 0	123 0	0 1	15 0						
tetrachloroethene	0 8	ND	18 45	0 0	ND	173 44	176 16	200 0	ND	92.3	83 0	124 0	ND	86 7	88 1	83 0	124.0	1 6	15 0						
dib omochloromethane	0 45	ND	21 67	20 0	ND	205 98	210 98	200 0	ND	108 4	78 0	123 0	ND	103 0	105 5	78 0	123 0	2 4	18 0						
1 -dib omoethane	0.33	ND	73	20 0	ND	233 13	235 90	200 0	ND	113 7	79 0	123 0	ND	116 6	118 0	79 0	123 0	1 2	15 0						
1-chl rohexane	NTC	ND	20.30	20 0	ND	194 97	191 61	200 0	ND	101 5	60 0	140 0	ND	97 5	95 8	60 0	140 0	1 7	NA						
hlorobenzene	0 8	ND	0 39	20 0	ND	196.36	193 53	200 0	ND	102 0	70 0	130 0	ND	98.2	96 8	87 0	118 0	1 5	15 0						
1 1 1,2 tetrachlo oethan	0 61	ND	20 82	20 0	ND	196 86	198 79	200 0	ND	104 1	82 0	1 3 0	ND	98 4	99 4	82 0	123 0	1 0	15 0						
ethylbenzene	0 27	ND	0 08	20 0	ND	191 78	191 18	00 0	ND	100 4	85 0	121 0	ND	95 9	95 6	85 0	121 0	0.3	15 0						
m+p-xylene	0 40	ND	39 27	40 0	ND	377 65	373 01	400 0	ND	98 2	86 0	121 0	ND	94 4	93 3	86 0	121 0	1 2	15 0						
o-xylene	0 22	ND	19 70	20 0	ND	197 77	197 42	200 0	ND	98 5	85 0	1 1 0	ND	98 9	98 7	85 0	121 0	0 2	15 0						
styrene	0 28	ND	20 59	0 0	ND	204 78	203 59	200 0	ND	103 0	84 0	1 0 0	ND	10 4	101 8	84 0	120 0	0 6	15 0						
b omoform	0 53	ND	20 31	20 0	ND	220 19	223 17	200 0	ND	101 6	73 0	124 0	ND	110 1	111 6	73 0	124 0	1 3	22.0						
sopropylbenzene	0 22	ND	19 11	20 0	ND	187 05	187 37	200 0	ND	95 6	81 0	124 0	ND	93 5	93 7	81 0	1 4 0	0 2	15 0						
1 1 2 2 tetrachloroethane	0 67	ND	5 7	0 0	ND	282 56	283 79	200 0	ND	128 6	72.0	132 0	ND	141 3	141 9	72.0	13 0	0.4	23 0				H	H	
1,2 3 trichlorop pane	0 92	ND	25 12	20 0	ND	270 77	267 94	200 0	ND	125 6	72 0	132 0	ND	135 4	134 0	72 0	132 0	1 1	21 0				H	H	
trans-1 4-dichloro- butene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	60 0	140 0	ND	NS	NS	60 0	140 0	NA	20 0						
pr pyl benzene	0 19	ND	21 96	20 0	ND	209 08	206 16	200 0	ND	109 8	82 0	125 0	ND	104 5	103 1	82 0	125 0	1 4	15 0						
bromobenzene	0 37	ND	21.58	20 0	ND	1 .59	209 15	200 0	ND	107 9	84 0	120.0	ND	106.3	104.6	84 0	120.0	1 6	15 0						
1 3 5 trimethylbenzene	0 22	ND	21 05	0 0	ND	194 81	194 21	200 0	ND	105 3	82 0	125 0	ND	97 4	97 1	82 0	125 0	0 3	15 0						
2-chlo otoluen	0.38	ND	21 70	20 0	ND	193.36	198 13	200.0	ND	108 5	80 0	1 8 0	ND	96 7	99 1	80 0	128 0	2.4	15 0						
4-chlorotoluene	0 30	ND	21 10	0 0	ND	197 43	200 41	00 0	ND	105 5	80 0	127 0	ND	98 7	100 2	80 0	1 7 0	1 5	15 0						
lph methyl styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert butyl benzene	0 27	0 33	20 63	20 0	ND	190 20	190 92	200 0	0 3	103 2	80 0	121 0	ND	95 1	95 5	80 0	121 0	0 4	15 0						
1 2 4 trimethylbenzene	0.27	ND	21 1	20 0	ND	191 45	190 91	200 0	ND	106 1	84 0	125 0	ND	95 7	95 5	84 0	1 5 0	0 3	15 0						
sec b tyl benzene	0 23	0 51	20 24	20 0	ND	187 54	189 74	200 0	0 5	101 2	80 0	125 0	ND	93 8	94 9	80 0	125 0	1 2	15 0						
p sopr pyl toluen	0 20	0 44	19 45	20 0	9 73	170 76	172 92	200 0	0 4	97.3	79 0	133 0	9 7	80 5	81 6	79 0	133 0	1 3	15 0						
1,3-d chl robenzene	0.3	ND	20 68	20 0	ND	206 73	206 12	200 0	ND	103 4	70 0	130 0	ND	103 4	103 1	70 0	130 0	0 3	15 0						
1 4-di hlorobenzene	0 7	ND	20 73	20 0	ND	205 18	204.21	200 0	ND	103 7	70 0	130 0	ND	102 6	102 1	70 0	130 0	0 5	15 0						
butyl benze e	0 33	0 63	20 91	20 0	ND	186 67	19 02	200 0	0 6	104 6	78 0	128 0	ND	93.3	96 0	78 0	128 0	2 8	17 0						
1 di hlorobenzene	0 30	ND	21 66	20 0	ND	217 11	215 45	200 0	ND	108.3	70 0	130 0	ND	108 6	107 7	70 0	130 0	0 8	15 0						
1 2 d b omo-3 chlorop opane	1 70	ND	22 34	0 0	ND	252 22	256 6	200 0	ND	111 7	69 0	125 0	ND	126 1	128 1	69 0	125 0	1 6	26 0				H	H	
1 2 4-trichlorobenzene	0 4	0 47	19 59	20 0	ND	178 55	184.69	200 0	0 5	98 0	74 0	124 0	ND	89 3	92 3	74 0	124 0	3 4	20 0						
h achl robutadiene	0 45	0 90	18 53	20 0	ND	185 45	201 20	200.0	0 9	92 7	67 0	131 0	ND	92 7	100 6	67 0	131 0	8 1	26 0						
naphthalene	0 51	ND	1 07	20 0	ND	214 11	223 19	200 0	ND	105 4	69 0	1 6 0	ND	107 1	111 6	69 0	126 0	4 2	24 0						
1 3 trichlorobenzene	0 31	0 51	19 54	20 0	ND	188 26	193 11	200 0	0 5	97 7	60 0	137 0	ND	94 1	96 6	60 0	137 0	2 5	33 0						
Surrogates																									
dib omofluo omethane		26 6	26 41	25 0	25 48	25 24	25 98	25 0	105 0	105 6	86	118	101 9	101 0	103 9										
1 -dichloroethane-d4		23 24	22 90	25 0	22.36	21 34	2 37	25 0	93 0	91 6	80	120	89 4	85 4	89 5										
toluene-d8		5 79	25 68	5 0	5 17	24 88	24 89	25 0	103 2	102 7	88	110	100 7	99.5	99 6										
p b omofluo benzene		28 42	28 57	25 0	26 35	27 86	27 64	25 0	113 7	114 3	86	115	105 4	111 4	110 6										

N te and Defin n ns

MDL Method Detection Limit
BLK M th d Blank
LCS Labo atory C tr l Sample
MS/MSD Matri Sp k M trix Sp k D pl ate

LCL Lower Control Limit
UCL= Upper Co trol Lim t
H Abo e control limit
L Bel w co tr l limit

ND N Detected
RPD= Relati Perce t Difference
NS N t sp ked
NA N ppli bl

DF Dil tion Factor

K mron E vironmental Servi es -OVL
Volatil Quality Control Summary

Workgroup #	W061354	**Run Date**	7/22/99	**SMPL Num**	07 244-02	**LCS DF**	1
Method	8260B	**Instrument ID**	HPMS9	**SMPL FLNM**	9M4231 D	**SMPL DF**	1
Matrix:	WATER	**BLK FLNM**	9M4226 D	**MS FLNM**	9M4232 D	**MS DF**	1
Units.	ug L	**LCS FLNM**	9M4227 D	**MSD FLNM**	9M4233 D	**MSD DF**	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		QUALIFIERS					
	MDL	Blank	LCS	LCS Spik Lev l	Sampl	MS	MSD	MS Spik Le l	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sampl	MS	MSD	RPD
Tar t Analyte	ug/L	ug/L	ug/l	ug L	ug/L	ug L	ug/L	ug/L	%				%	%	%				%						
di hlor difl romethan	0 26	ND	23 17	20 0	ND	17 41	19 54	20 0	ND	115 9	10 0	153 0	ND	87 1	97 7	10 0	153 0	11 5	42.0						
hlor m than	0 5	ND	17 81	20 0	ND	12 93	14 30	20 0	ND	89 1	49 0	129 0	ND	64 7	71 5	49 0	129 0	10 1	30 0						
vinyl chloride	0 30	ND	0 22	20 0	ND	15 61	18 45	20 0	ND	101 1	57 0	135 0	ND	78 1	92 3	57 0	135 0	16 7	30 0						
br mom thane	0 68	ND	21 96	20 0	ND	15 22	17 69	20 0	ND	109 8	58 0	140 0	ND	76 1	88 5	58 0	140 0	15 0	39 0						
hlo e than	0 44	ND	19 87	0 0	ND	14 64	16 39	20 0	ND	99 4	69 0	126 0	ND	73 2	82 0	69 0	126 0	11.3	27 0						
tri hl ofl methane	0 32	ND	21 01	0 0	ND	16 03	17 94	0 0	ND	105 1	67 0	152 0	ND	80 2	89 7	67 0	152 0	11 2	22 0						
isop ne	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 tricl ro-1 2,2 trifluor than	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
cetone	4 26	ND	0 28	20 0	ND	19 96	0 44	20 0	ND	101 4	40 0	142 0	ND	99 8	102 2	40 0	142 0	2 4	40 0						
1 1-di hl roeth n	0 31	ND	0 95	0 0	ND	15 93	17 69	20 0	ND	104 8	81 0	130 0	ND	76	88 5	81 0	130 0	14 9	18 0				L		
dim thyl ulfid	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
odomethane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
m thylene chloride	0 74	ND	20 46	20 0	ND	18 03	0 58	20 0	ND	10 3	76 0	125 0	ND	90 2	102 9	76 0	125 0	13 2	19 0						
arbon disulfide	0 3	ND	1 2	20 0	ND	8 85	10 02	20 0	ND	6 1	70 0	138 0	ND	44 3	50 1	70 0	138 0	12 4	20 0		L		L	L	
acrylonitrile	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl tert butyl th	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 2-d hloroeth	0 22	ND	22 50	20 0	ND	17 35	19 86	20 0	ND	112 5	86 0	135 0	ND	86 8	99 3	86 0	135 0	13 5	16 0						
1 hexane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
nyl acetate	1 00	ND	8 00	20 0	ND	6 86	7 73	0 0	ND	40 0	10 0	136 0	ND	34 3	38 7	10 0	136 0	11 9	66 0						
1 1-d hl oethan	0 23	ND	0 18	0 0	ND	16 1	18 39	20 0	ND	100 9	84 0	127 0	ND	80 6	9 0	84 0	127 0	13 2	15 0				L		
b tan n	2 00	ND	19 57	0 0	ND	20 06	20 50	20 0	ND	97 9	61 0	137 0	ND	100 3	102 5	61 0	137 0	2 2	30 0						
-d hloropropan	0 6	ND	2 04	20 0	ND	16 02	17 77	20 0	ND	110	79 0	130 0	ND	80 1	88 9	79 0	130 0	10 4	17 0						
s 1 -di hloroethene	0 24	ND	0 89	20 0	ND	16 81	19 20	0 0	ND	104 5	82 0	1 1 0	ND	84 1	96 0	82 0	1 1 0	13 3	15 0						
hloroform	0 1	ND	1 0	20 0	ND	17 3	19 49	0 0	ND	106 0	85 0	121 0	ND	86 2	97 5	85 0	1 1 0	12 3	15 0						
b mochl m than	0 21	ND	2 28	20 0	ND	19 22	21 59	20 0	ND	111 4	85 0	121 0	ND	96 1	108 0	85 0	121 0	11 6	15 0						
1 1 1-tr hloroethan	0 30	ND	19	20 0	ND	1 03	19 17	20 0	ND	111 0	78 0	127 0	ND	85	95 9	78 0	1 7 0	11 8	1 0						
y lol exane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-di hloropropen	0 9	ND	92	0 0	ND	17 17	19 5	20 0	ND	114 6	91 0	133 0	ND	85 9	97 6	91 0	133 0	1 8	15 0				L		
arbon t trachlorid	0 30	ND	3 14	20 0	ND	17 61	19 87	20 0	ND	115 7	70 0	130 0	ND	88 1	99 4	70 0	130 0	1 1	20 0						
di hl roethane	0 17	ND	0 81	20 0	ND	18.63	0 48	20 0	ND	104 1	78 0	1 8 0	ND	93	102 4	78 0	1 8 0	9 5	1 0						
benz ne	0 0	ND	21 20	20 0	ND	16 89	19 17	20 0	ND	106 0	87 0	118 0	ND	84 5	95 9	87 0	118 0	12 6	15 0				I		
tri hl roeth n	0 30	ND	1 3	0 0	ND	16 35	18 50	0 0	ND	106 6	83 0	1 3 0	ND	81 8	9 5	83 0	1 3 0	1 3	15 0				I		
1 d 1 lo prepare	0	ND	1 41	0 0	ND	16 08	18 24	20 0	ND	97 1	81 0	121 0	ND	80 4	91 2	81 0	121 0	12 6	15 0				I		
br n d 1 1 m thai	0 4	ND	1	0 0	ND	18 0	0.50	0 0	ND	108 9	81 0	1 6 0	ND	91 0	103	81 0	1 6 0	1 3	16 0						
d b omom than	0 5	ND	21 97	0 0	ND	0 00	21 60	0 0	ND	109 9	83 0	1 0	ND	100 0	108 0	83 0	122 0	7 7	15 0						
-chloroethylvinyl eth r	0 79	ND	3 56	0 0	ND	0 00	0 00	0 0	ND	17 8	45 0	154 0	ND	0 0	0 0	45 0	154 0	######	46 0		L		L	L	######
4 m thyl 2 pentanone	1 7	ND	23 57	0 0	ND	2 69	23 94	20 0	ND	117 9	66 0	132 0	ND	113 5	119 7	66 0	132 0	5 4	33 0						
s 1,3-dichl ropropen	0 15	ND	15	20 0	ND	18.39	20 78	20 0	ND	110 8	82 0	124 0	ND	92 0	103 9	82 0	1 4 0	12	15 0						
dim thyl disulfid	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0 1	ND	1 95	0 0	ND	17 26	19 82	20 0	ND	109 8	84 0	123 0	ND	86 3	99 1	84 0	123 0	13 8	15 0						
ethyl m thacrylate	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 3 dichl op op n	0 3	ND	1 63	20 0	ND	18 6	20 85	0 0	ND	108	80 0	124 0	ND	93 8	104 3	80 0	1 4 0	10 6	15 0						
1 1 2 tri hlo o thane	0 15	ND	2 28	0 0	ND	0 46	2 36	20 0	ND	111 4	78 0	1 2 0	ND	102 3	111 8	8 0	1 0	8 9	15 0						

K mron E ironm tal Servi -OVL
Vol til Quality Control Summary

W rkgroup #:	WG61 354	**Run Date**	7/22/99	SMPL Num.	07 244-0	**LCS DF**	1
M thod	8260B	**In trument ID**	HPMS9	SMPL FLNM.	9M4 31 D	**SMPL DF**	1
Matrix.	WATER	**BLK FLNM**	9M4 26 D	MS FLNM.	9M4232 D	**MS DF**	1
Units	ug/L	**LCS FLNM**	9M4227 D	MSD FLNM	9M4233 D	**MSD DF**	1

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spik Level	SMPL	MS	MSD	MS Spik Level	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Targ t Analyt s	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%				%	%	%			%	%						
- hexanone	1 39	ND	1 41	20 0	ND	21 57	22 78	20 0	ND	107 1	57 0	130 0	ND	107 9	113 9	57 0	130 0	5 5	31 0						
1 3 d hlo op opane	0 33	ND	21 19	20 0	ND	19 4	21 00	20 0	ND	106 0	78 0	123 0	ND	96	105 0	78 0	123 0	8 7	15 0						
t tra hloroethene	0 8	ND	1 74	20 0	ND	16 58	19 07	0 0	ND	108 7	83 0	124 0	ND	82 9	95 4	83 0	124 0	14 0	15 0				L		
d b mochl omethane	0 45	ND	23 89	0 0	ND	20 85	23 31	20 0	ND	119 5	78 0	123 0	ND	104 3	116 6	78 0	123 0	11 1	18 0						
1 dibromo than	0 33	ND	7	0 0	ND	20 31	22 07	20 0	ND	111 4	79 0	123 0	ND	101 6	110 4	79 0	123 0	8 3	15 0						
1 hlor hexane	NTC	ND	22 26	0 0	ND	16 83	19 33	20 0	ND	111 3	60 0	140 0	ND	84 2	96 7	60 0	140 0	13 8	NA						
chlorobenzen	0 28	ND	1 75	0 0	ND	17 52	20 10	0 0	ND	108 8	70 0	130 0	ND	87 6	100 5	87 0	118 0	13 7	15 0						
1 1 1 2 t trachl oethan	0 61	ND	23 6	0 0	ND	19 31	21 86	20 0	ND	116 3	82 0	123 0	ND	96 6	109 3	82 0	123 0	12 4	15 0						
thylbenzene	0 7	ND	21 96	20 0	ND	17 18	19 90	20 0	ND	109 8	85 0	121 0	ND	85 9	99 5	85 0	1 1 0	14 7	15 0						
m+p-xyl n	0 40	ND	45 13	40 0	ND	35 55	40 97	40 0	ND	112 8	86 0	121 0	ND	88 9	102 4	86 0	121 0	14 2	15 0						
o-xylen	0	ND	1 80	20 0	ND	17 24	19 87	0 0	ND	109 0	85 0	121 0	ND	86 2	99 4	85 0	1 1 0	14	15 0						
tyren	0 28	ND	21 81	20 0	ND	18 46	21 40	0 0	ND	114 1	84 0	1 0 0	ND	92 3	107 0	84 0	1 0 0	14 8	15 0						
brom form	0 53	ND	24 99	0 0	ND	23 23	25 31	20 0	ND	125 0	73 0	124 0	ND	116	126 6	73 0	124 0	8 6	22 0		H			H	
isopropylbenzen	0	ND	2 88	20 0	ND	17 63	20 33	0 0	ND	114 4	81 0	124 0	ND	88 2	101 7	81 0	1 4 0	14	15 0						
1 1 tetrachloroethane	0 7	ND	1 78	20 0	ND	21 15	22 70	20 0	ND	108 9	7 0	13 0	ND	105 8	113 5	72 0	13 0	7 1	23 0						
1 2.3 trichl opropan	0 92	ND	22 69	20 0	ND	21 91	3 55	20 0	ND	113 5	7 0	132 0	ND	109 6	117 8	72 0	132 0	7	21 0						
trans 1 4-dichloro- -b ten	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	60 0	140 0	ND	NS	NS	60 0	140 0	NA	20 0						
p pyl benzene	0 19	ND	64	0 0	ND	17 2	19 96	20 0	ND	113	82 0	125 0	ND	86 1	99 8	82 0	125 0	14 7	15 0						
bromobenzen	0 37	ND	1 82	20 0	ND	17 85	20 60	0 0	ND	109 1	84 0	120 0	ND	89 3	103 0	84 0	120 0	14 3	15 0						
1 3 5 trimethylbenzene	0 22	ND	5	0 0	ND	17 36	20 29	20 0	ND	112 9	8 0	125 0	ND	86 8	101 5	8 0	1 5 0	15 6	15 0						H
-chlorotoluen	0 38	ND	0 99	0 0	ND	16 69	19 04	20 0	ND	105 0	80 0	1 8 0	ND	83 5	95 2	80 0	128 0	13 2	15 0						
4-chl r toluen	0 30	ND	2 07	20 0	ND	16 94	19 89	0 0	ND	110 4	80 0	127 0	ND	84 7	99 5	80 0	1 7 0	16 0	15 0						H
alpha m thyl styrene	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
t rt butyl benzene	0 7	ND	2 8	0 0	ND	17 24	20 14	20 0	ND	114 4	80 0	121 0	ND	86	100 7	80 0	1 1 0	15 5	15 0						H
1 3 4 trimethylbenz n	0 27	ND	1 83	0 0	ND	16 87	19 84	0 0	ND	109 2	84 0	125 0	ND	84 4	99	84 0	125 0	16 2	15 0						H
butyl benzene	0 23	ND	1 60	0 0	ND	15 98	18 94	20 0	ND	108 0	80 0	1 5 0	ND	79 9	94 7	80 0	125 0	17 0	15 0				L		H
p-isop opyl-t luene	0 0	ND	1 51	20 0	ND	15 95	18 92	20 0	ND	107 6	79 0	133 0	ND	79 8	94 6	79 0	133 0	17 0	15 0						H
1 3-di hlorobenzene	0 32	ND	21 48	20 0	ND	17 21	20 03	0 0	ND	107 4	70 0	130 0	ND	86 1	100 2	70 0	130 0	15 1	15 0						H
1 4-dichlorobenzene	0 27	ND	21 42	20 0	ND	17 38	20 10	20 0	ND	107 1	70 0	130 0	ND	86 9	100 5	70 0	130 0	14 5	15 0						
n butyl-benze	0 33	ND	21 73	20 0	ND	15 73	18 91	0 0	ND	108 7	78 0	128 0	ND	78 7	94 6	78 0	128 0	18 4	17 0						H
1 -dichlorobenzene	0 30	ND	1 99	20 0	ND	18 9	1 07	0 0	ND	110 0	70 0	130 0	ND	91 5	105 4	70 0	130 0	14 1	15 0						
1 d b mo 3 hloropropane	1 0	ND	3 54	0 0	ND	29	24 17	0 0	ND	117 7	69 0	1 5 0	ND	111 5	120 9	69 0	1 5 0	8 1	26 0						
1 1 trichlo obenzen	0 4	45	08	0 0	ND	18 81	21 48	0 0	0	110 4	4 0	1 4 0	ND	94 1	107 4	4 0	1 4 0	13 3	0 0						
h hlor butad n	0 45	1	1 1	0 0	ND	1 3	15 20	20 0	1 2	86 1	67 0	131 0	ND	61 2	76 0	67 0	131 0	21 7	6 0				I		
naphthalene	0 51	ND	3 41	20 0	ND	99	21 59	0 0	ND	117 1	69 0	126 0	ND	115 0	1 3 0	69 0	1 6 0	6 7	4 0						
1 3 tri hl benze	0 31	1 10	21 29	0 0	ND	18 98	21 84	0 0	1 1	106 5	60 0	137 0	ND	94 9	109 2	60 0	13 0	14 0	33 0						
Surrogat s																									
dibromofluoromethane		24 14	24 65	25 0	24 80	25 16	4.89	25 0	96 6	98 6	86	118	99 2	100 6	99 6										
-di hloroethan -d4		23 94	24 19	25 0	25 27	5 75	24 56	25 0	95 8	96 8	80	120	101 1	103 0	98 2										
tolu e-d8		25 45	5 43	25 0	25 65	4 96	25 6	25 0	101 8	101 7	88	110	102 6	99 8	101 0										
p b mofluorobenze		25 76	2 44	0	26 38	5 1	25 47	5 0	103 0	101 8	86	115	105 5	100 5	101 9										

N t and Definitions

MDL M thod Detection Limit
BLK M thod Blank
LCS Laboratory Control Sample
MS/MSD Matrix Spike / Matrix Spike Dupl cat

LCL= Lower Control Limit
UCL= Uppe Control Limit
H=Above control limit
L Below control limit

ND= N n Detected
RPD Rel tive P c nt Difference
NS Not spiked
NA Not pplicabl

DF D lutn F tor

CHRYSLER CORPORATION

Chain-of-Custody

04978 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name DAYTON THERMAL PRODUCTS Site Location DAYTON, OHIO Site Code SC001 RFA Number YGQP9900240 Chrysler PM GARY STANCZUK	Consultant: LEGGETTE, BRASHEARS & GRAHAM INC Address 1210 WEST COUNTY ROAD E, STE 700 ST PAUL, MN 55112 Consultant PM KEN VOGEL Phone 651 490-1405 Fax 651 490-1006

Turn around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil
SW Surface Water
GW Groundwater
A Air
Sed Sediment
O Other (specify)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40 ml VIAL / hcl									Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
MW008S	7/8/99	07 55	G	GW	2	X													
PZ008I		08.23	G	GW	2	X													
PZ008D		08 30	G	GW	2	X													
PZ010I		09 07	G	GW	2	X													
MW010S		09 00	G	GW	2	X													
PZ009D		09 45	G	GW	2	X													
MW011S		10.12	G	GW	2	X													
MW011SDUP		10 12	G	GW	2	X													
MWC003			G	GW	2	X													C of C Sealed
MWB003			G	GW	2	X													SYS intact

Sampler(s)
DAVE STRAND
MARK HEMSTREET
MIKE PLANTE

Cool ID NA

Is RFA sampling complete?
Y N

Bottles Reliquished under Airbill No

Samples Relinquished under Airbill No. 810581588804

Temperature (corrected) 40 bkg

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
Mark R. Hemstreet	7/8/99					Yes No
						Yes No
			Received for Laboratory by: Brenda Gregory	7/9/99	0955	Yes No

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

SDG 240C COMPLETE

ALL SAMPLING COMPLETED

R is n 1
C t d Sept mbe 3 1997

CHRYSLER CORPORATION

Chain-of-Custody

04979 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Numb r 1 800 833 5097 Fax Number (919) 379-4050	Project Name DAYTON THERMAL PRODUCTS Site Location DAYTON, OHIO Site Code SC001 RFA Number YGQP9900240 Chrysler PM GARY STANCZUK	Consultant LEGGETTE, BRASHEARS & GRAHAM INC Address 1210 WEST COUNTY ROAD E, STE 700 ST PAUL, MN 55112 Consultant PM KEN VOGEL Phone 651-490-1405 Fax 651-490-1006	

Turn around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil SW Surface Water
GW Groundwater A Air
Sed Sediment
O Other (specify) LAB DI WATER

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40 ml VIAL/HCl	Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
~~[illegible]~~	~~7/8/99~~		~~G~~	~~GW~~	~~2~~	~~X~~					
MWE070899	7/8/99	13 55	G	01	~~2~~	X					EQUIP BLANK
MWT070899	7/8/99		G	99	~~2~~	X					TRIP BLANK
WL00003	7/8/99	15 30	G	GW	2	X					PURGE WATER

C of C Sealed
SKS intact

Sampler(s)	Bottles Reliquished und Airbill No.			Samples Relinquished under Airbill No. 810581588804			Temperature (corrected) 40c Big
DAVE STRAND MARK HEMSTREET MIKE PLANT	Relinquished by Mark P Hemstreet	Date 7/8/99	Time	Received by	Date:	Time	Custody Seal Intact? Yes No
C I ID NA	Relinquished by	Date	Time	Received by	Date.	Time:	Custody Seal Intact? Yes No
Is RFA ampling compl t Y No	Relinquished by	Date:	Time	Received for Laboratory by Brenda Gregory	Date: 7/9/99	Time: 0955	Custody Seal Intact? Yes No

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

R 1
ated September 3 1997

CHRYSLER CORPORATION 3rd Quarter GW sampling **Chain-of-Custody** 01505 A

~~CompuChem~~ Kemron 501 Madison Avenue Cary NC 27513 Marietta OH Phone Number 1 800 833 5097 Fax Number (919) 379-4050	Project Name CHRYSLER/DAYTON THERMAL Site Location DAYTON, OHIO Site Code SC001 RFA Number YGQP9900240 Chrysler PM GARY STANCZUK	Consultant LEGGETTE, BRASHEARS & GRAHAM, INC Address 1210 W COUNTY ROAD E, STE 700 ST. PAUL, MN 55112 Consultant PM KEN VOGEL Phone 651-490-1405 Fax ~~[illegible]~~ 651-490-1006	

Turn around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil SW Surface Water
GW Groundwater A Air
Sed Sediment
O Other (specify) LAB D I WATER

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260, Glass 40 ml VIAL / HCl								Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
MWA001	7/7/99	0845	G	GW	2	X												
PZ017D	↓	0821	G	GW	2	X												
PZ017I		0815	G	GW	2	X												
MW018S		0924	G	GW	2	X												
MWC002		0930	G	GW	2	X												
MWB002		1001	G	GW	2	X												
MWE070799		0935	G	O	2	X												
MWA006		1053	G	GW	2	X												
MWA006 DUP		1053	G	GW	2	X												c of c Sealed
PZ012D	↓	1057	G	GW	2	X												SXS intact

Sampler(s)
DAVE STRAND
MARK HEMSTREET
MIKE PLANTE
C I ID 585
I RrA ampling mpl te
Y No

Bottles R liquished under Airbill No NA

S mples Relinqui hed und r Airbill No. 810581588789

Temperature (corrected) 2.0C [illegible]

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact
Mark P Hemstreet	7/7/99					Yes N
						Custody Seal Intact? Yes No
			Received for Laboratory by: Blenda Gregory	7/8/99	0955	Custody Seal Intact? Yes N

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

SDG-240B

R s 1
t l Se t mb 3 199

CHRYSLER CORPORATION — 3rd Quarter GW Sampling — **Chain-of-Custody** — 01506 A

~~CompuChem~~ Kemron
501 Madison Avenue
Cary NC 27513 Marietta OH
Phone Number 1 800 833 5097
Fax Number (919) 379-4050

Project Name: CHRYSLER/DAYTON THERMAL
Site Location: DAYTON, OHIO
Site Code: SC001
RFA Number: YGQP99C0240
Chrysler PM: GARY STANCZUK

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC
Address: 1210 W. COUNTY ROAD E, STE 700, ST. PAUL, MN 55112
Consultant PM: KEN VOGEL
Phone: 651-490-1405 Fax: 651-490-1006

Turn around Time Request: 24 calendar hrs; 48 calendar hrs; (10 days); 28 days

Data Package Deliverables (circle): (Chrysler Level 1); ~~Chrysler Level 2~~; Other (specify)

Matrix Codes: S Soil; SW Surface Water; GW Groundwater; A Air; Sed Sediment; O Other (specify) Carboy S, DI water

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260, Glass 40 ml VIAL/HCL	Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
PZ012I	7/7/99	1114	G	GW	2	X					
MWB006		1155	G	GW	2	X					
MWA003		1355	G	GW	2	X					
PZ014I		1405	G	GW	2	X					
MWA002		1430	G	GW	2	X					
PZ016D		1434	G	GW	2	X					
PZ013I		1515	G	GW	2	X					
MWA005		1512	G	GW	2	X					
AS		1600	G	GW	2	X					C of C sealed
MWA004	7/7/99	1656	G	GW	2	X					SXS intact

Sampler(s): DAVE STRAND, MARK HEMSTREET, MIKE PLANTE
C rID 585
Is RFA ampling mpl t ? Y (N)

Bottl s R liqui hed under Airbill No NA
Samples R linquished und r Airbill No. 810581588789
Temperature (corrected) 0.0 c (big)

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
Mark P. Hemstreet	7/7/99					Yes No
						Yes No
			Received for Laboratory by: Yolanda Gregory	7/8/99	0955	(Yes) No

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

MWT070799

7/7/99	—	—	0	1	X

SDG-240B

R is N 1
C d S pt mbe 23 199

CHRYSLER CORPORATION

Chain-of-Custody

04452 A

3RD QUARTER GROUND WATER SAMPLING

~~Compl~~ CHEMRON	Project Name	DAYTON THERMAL PRODUCTS	Consultant: LEGLETTE, BRASHEARS & GRAHAM, INC
501 Madison Avenue	Site Location	DAYTON, OHIO	Address: 1210 W. COUNTY ROAD E, STE 700
Cary NC 27513 MARIETTA, OHIO	Site Code	SC001	ST. PAUL, MN 55112
Phone Number 1 800 833 5097	RFA Number	YGQP9900240	Consultant PM: KEN VOGEL
Fax Number (919) 379-4050	Chrysler PM	GARY STANCZUK	Phone: 651-490-1405 Fax: 651-490-1006

Turn around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil
SW Surface Water
GW Groundwater
A Air
Sed Sediment
O Other (specify)

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	8260-VOC 40 ML VIAL GLASS/HCl								Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
MWB001	7/6/99	09 20	G	GW	3	X												
MWC001	7/6/99	09.30	G	GW	3	X												
PZ022I	7/6/99	10.04	G	GW	2	X												
PZ019I	7/6/99	11.15	G	GW	2	X												
MW019S	7/6/99	11 00	G	GW	2	X												
PZ021I	7/6/99	11 48	G	GW	2	X												
MWB004	7/6/99	11:45	G	GW	2	X												
MW007S	7/6/99	13.55	G	GW	2	X												
PZ007I	7/6/99	14 05	G	GW	2	X												
MWB005	7/6/99	14:10	G	GW	2	X												

Sampler(s): DAVE STRAND, MARK HEMSTREET, MIKE PLANTE

Bottles Reliquished under Airbill No. NA

Samples Relinquished under Airbill No. [redacted] 8105 8158 8778

Temperature (corrected) 40 Sysinlu C of C Sealed big

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
Mark P Hemstreet	7/6/99	18 00	Blonda Gregory	7/7/99	1030	Yes No
						Yes No
						Yes N

Cl ID NA

Is RFA sampling complet ? Y No

Received for Laboratory by:

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

SDG 240A

Revision No 1
Created September 3 1997

CHRYSLER CORPORATION

Chain-of-Custody

04453 A

~~Compu~~ Chem CHEMRON	Project Name DAYTON THERMAL PRODUCTS	Consultant LEGGETTE, BRASHEARS & GRAHAM, INC.	
~~501 Madison Avenue~~	Site Location DAYTON, OHIO	Address 1210 W COUNTY ROAD E, STE. 700	
~~Cary, NC 27513~~ MARIETTA, OHIO	Site Code SC001	ST. PAUL, MN 55112	
Phone Number 1 800 833 5097	RFA Number YGQP9900240	Consultant PM KEN VOGEL	
Fax Number (919) 379-4050	Chrysler PM GARY STANCZUK	Phone 651-490-1405	Fax 651-490-1006

Turn around Time Request
24 calendar hrs
48 calendar hrs
10 days
28 days

Data Package Deliverables (circle)
Chrysler Level 1
Chrysler Level 2
Other (specify)

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S Soil SW Surface Water
GW Groundwater A Air
Sed Sediment
O Other (specify) LAB DI WATER

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC 8260 40 ml VIAL GLASS/HCl								Lab Use Only: Volatiles pH <2	Metals pH < 2	Cyanide pH > 12	Other ___	Remarks
MW015S	7/6/99	14.45	G	GW	2	X												
PZ015I	7/6/99	14 55	G	GW	2	X												
PZ020D	7/6/99	15 55	G	GW	2	X												
MW020S	7/6/99	15 40	G	GW	2	X												
MWE070699	7/6/99	15 51	G	O	2	X												

Sampler(s) DAVE STRAND
MARK HEMSTREET
MIKE PLANTE

Bottl Reliqui hed under Airbill No. NA

Samples Relinquished under Airbill No. 810581588 TR

Temperature (corrected) 4.0 C

Relinquished by	Date.	Time	Received by	Date.	Time.	Custody Seal Intact?
Mark P Hemstreet	7/6/99	18.00	Brenda Gregory	7/7/99	1030	Yes No
Relinquished by	Date	Tim	Received by	Date.	Time.	Custody Seal Intact? Yes No
Relinquished by	Date:	Time	Received for Laboratory by	Date	Time	Custody Seal Intact? Yes No

Col ID NA

Is RFA ampling mpl t
Y No

Chrysler Corporation 800 Chrysler Drive CIMS 482-00-51 Auburn Hills Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

SDG 240A

R is 1
C t d Sept mb 23 1997

AFFIDAVIT ON BEHALF OF CERTIFIED LABORATORY

I, ***Dennis Tepe***, being duly sworn on oath state that, to the best of my knowledge, information, and belief

1 I am authorized to submit this affidavit on behalf of ***KEMRON Environmental Services, Inc.***, which has been engaged as a Certified Laboratory for purposes of a voluntary action pursuant to Ohio s Voluntary Action Program

2 The voluntary action is being conducted at ***Chrysler Dayton Thermal Products,*** located at ***Dayton, OH 45414***

3 ***KEMRON Environmental Services, Inc*** was a Certified Laboratory pursuant to Ohio Revised Code (ORC) Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300 when it performed the analyses for the purpose of conducting or completing the voluntary action

4 All of the analyses performed by ***KEMRON Environmental Services, Inc.*** for purposes of conducting or completing the voluntary action complied with the applicable requirements of ORC Chapter 3746 and rules adopted under OAC Chapter 3745-300

5 The following information, data, documents and/or reports attached hereto are being submitted with this affidavit (attach additional pages if more space is needed)

(a) **L9907090**,
(b) _____,
(c) _____,

6 All of the information, data, documents, and/or reports submitted with this affidavit are true, accurate, and complete

7 ***KEMRON Environmental Services, Inc.*** has no conflict of interest, as set forth in OAC rules 3745-300-04(I)(5) and 3745-300-05(F)(3) in performing the analyses referred to in this affidavit

FURTHER AFFIANT SAYETH NOT

Dennis E. Tepe
(SIGNATURE)

Subscribed and sworn before me
this 29 day of July, 1999

Lucinda Sue Arnold
Notary Public
My commission expires 06/16/2002

EPA Region 5 Records Ctr
349985

RFA 240
Vogel

KEMRON Environmental Services
109 Starlite Park
Marietta Ohio 45750
Phone (740) 373 4071

CompuChem
501 Madison Avenue
Cary NC 27513

Attention Diane Byrd

PO Number
Account Number COMPUCHEM-529

Login # L9907090
Report Date 07/29/99
Work ID SC001/DAYTON THERMAL
Date Received 07/07/99

AUG 02 1999

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9907090-01	MWB001	L9907090-02	MWC001
L9907090 03	PZ022I	L9907090-04	PZ019I
L9907090-05	MW019S	L9907090 06	PZ021I
L9907090-07	MWB004	L9907090-08	MW007S
L9907090-09	PZ007I	L9907090-10	MWB005
L9907090-11	MW015S	L9907090-12	PZ015I
L9907090-13	PZ020D	L9907090-14	MW020S
L9907090-15	MWE070699		

All results on solids/sludges are reported on a dry weight basis where applicable unless otherwise specified This report shall not be reproduced except in full without the written approval of KEMRON

NYSDOH ELAP ID 10861

Certified By
Dennis S Tepe

KEMRON
ENVIRONMENTAL SERVICES

Login #L9907090
July 29 1999 03 03 pm

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090 01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWB001	COC Info	04452/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 19 50	Lab File ID	9M4109	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L		ND	100	1
71-43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75 27 4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74 83 9	Bromomethane	ug/L		ND	10	1
78 93 3	2-Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	1
75 15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90 7	Chlorobenzene	ug/L		ND	5 0	1
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2 Dibromo-3-chloropropane	ug/L		ND	5 0	1
106 93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541-73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans-1 2 Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis 1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-01	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWB001	COC Info	04452/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 19 50	Lab File ID	9M4109	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82-8	Isopropylbenzene	ug/L		ND	5 0	1
99-87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42-5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1 2 Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2 Tetrachloroethane	ug/L		ND	5 0	1
127 18 4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L		ND	5 0	1
87 61-6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82-1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71-55-6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79-00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67-8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L		ND	2 0	1
95-47 6	o-Xylene	ug/L		ND	5 0	1
108 38 3	m-Xylene	ug/L		ND	5 0	1
106 42-3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97 9	(86 - 118%)
1 2-Dichloroethane-d4	100	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4 Bromofluorobenzene	105	(86 115%)

Login #L9907090
July 29 1999 03 03 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWC001	COC Info	04453/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 20 24	Lab File ID	9M4110	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71-43 2	Benzene	ug/L	24		5 0	1
108-86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75 27-4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110-75 8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5 0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43 4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12-8	1 2 Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541-73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106-46 7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71 8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75-35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis 1 2 Dichloroethene	ug/L		ND	5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78-87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Report ng Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-02	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MWC001	COC Info	04453/	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 20 24	Lab File ID	9M4110	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09 2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103-65 1	n-Propylbenzene	ug/L		ND	5 0	1
100-42 5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79-34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18 4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L	11		5 0	1
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79 00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01 6	Trichloroethene	ug/L		ND	5 0	1
75 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96-18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108-67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95 47 6	o-Xylene	ug/L		ND	5 0	1
108 38 3	m Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery

Dibromofluoromethane	95 8	(86 - 118%)
1 2-Dichloroethane-d4	97 4	(80 - 120%)
Toluene-d8	103	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL Reporting Limit

Login #L9907090
July 29 1999 03 03 pm

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ022I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 20 57	Lab File ID	9M4111	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L		ND	100	1
71 43-2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74 97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93 3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec Butylbenzene	ug/L		ND	5 0	1
98 06 6	tert Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90-7	Chlorobenzene	ug/L		ND	5 0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00 3	Chloroethane	ug/L		ND	10	1
110 75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95-49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12-8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95-3	Dibromomethane	ug/L		ND	5 0	1
95-50-1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106 46 7	1 4 Dichlorobenzene	ug/L		ND	5 0	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1 1 Dichloroethane	ug/L		ND	5 0	1
107 06 2	1 2 Dichloroethane	ug/L		ND	5 0	1
75-35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156 60-5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78-87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142-28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting limit

Login #L9907090
July 29 1999 03 03 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-03	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ022I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 20 57	Lab File ID	9M4111	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n Hexane	ug/L		ND	10	1
591 78-6	2-Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98-82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75 09-2	Methylene chloride	ug/L		ND	5 0	1
91 20 3	Naphthalene	ug/L		ND	10	1
103 65 1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630 20-6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34-5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127-18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88 3	Toluene	ug/L		ND	5 0	1
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71 55-6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79 00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01-6	Trichloroethene	ug/L	17		5 0	1
75 69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05-4	Vinyl acetate	ug/L		ND	10	1
75 01-4	Vinyl chloride	ug/L		ND	2 0	1
95 47-6	o-Xylene	ug/L		ND	5 0	1
108-38 3	m-Xylene	ug/L		ND	5 0	1
106-42-3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97 6	(86 - 118%)
1 2-Dichloroethane-d4	100	(80 120%)
Toluene-d8	104	(88 - 110%)
4 Bromofluorobenzene	105	(86 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090 04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ019I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 21 31	Lab File ID	9M4112	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64-1	Acetone	ug/L		ND	100	1
71 43-2	Benzene	ug/L	52		5 0	1
108 86-1	Bromobenzene	ug/L		ND	5 0	1
74 97-5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75 25-2	Bromoform	ug/L		ND	5 0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104 51-8	n-Butylbenzene	ug/L		ND	5 0	1
135 98-8	sec-Butylbenzene	ug/L		ND	5 0	1
98 06-6	tert-Butylbenzene	ug/L		ND	5 0	1
75 15-0	Carbon disulfide	ug/L		ND	5 0	1
56 23-5	Carbon tetrachloride	ug/L		ND	5 0	1
108 90-7	Chlorobenzene	ug/L		ND	5 0	1
124 48-1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00-3	Chloroethane	ug/L		ND	10	1
110 75-8	2 Chloroethyl vinyl ether	ug/L		ND	10	1
67 66-3	Chloroform	ug/L		ND	5 0	1
74 87 3	Chloromethane	ug/L		ND	10	1
95 49-8	2-Chlorotoluene	ug/L		ND	5 0	1
106 43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96 12-8	1 2-Dibromo-3 chloropropane	ug/L		ND	5 0	1
106 93-4	1 2-Dibromoethane	ug/L		ND	5 0	1
74 95-3	Dibromomethane	ug/L		ND	5 0	1
95 50-1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541 73-1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106 46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06-2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35-4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156 60-5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87-5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28-9	1 3-Dichloropropane	ug/L		ND	5 0	1
594 20-7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02-6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563 58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-04	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ019I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 21 31	Lab File ID	9M4112	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2-Hexanone	ug/L		ND	10	1
87 68-3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82-8	Isopropylbenzene	ug/L		ND	5 0	1
99 87-6	p-Isopropyltoluene	ug/L		ND	5 0	1
108-10-1	4 Methyl-2-pentanone	ug/L		ND	10	1
75 09 2	Methylene chloride	ug/L		ND	5 0	1
91 20-3	Naphthalene	ug/L		ND	10	1
103 65-1	n Propylbenzene	ug/L		ND	5 0	1
100 42-5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18-4	Tetrachloroethene	ug/L		ND	5 0	1
108 88-3	Toluene	ug/L	20		5 0	1
87 61 6	1 2 3 Trichlorobenzene	ug/L		ND	5 0	1
120 82 1	1 2 4 Trichlorobenzene	ug/L		ND	5 0	1
71 55 6	1 1 1 Trichloroethane	ug/L		ND	5 0	1
79-00-5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79-01 6	Trichloroethene	ug/L		ND	5 0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96 18-4	1 2 3 Trichloropropane	ug/L		ND	5 0	1
95-63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5 Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75 01 4	Vinyl chloride	ug/L		ND	2 0	1
95 47-6	o-Xylene	ug/L		ND	5 0	1
108 38 3	m-Xylene	ug/L		ND	5 0	1
106 42 3	p Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96 6	(86 - 118%)
1 2-Dichloroethane-d4	96 1	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4 Bromofluorobenzene	103	(86 - 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW019S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 22 04	Lab File ID	9M4113	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67 64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L		ND	5 0	1
108 86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75 27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74 83 9	Bromomethane	ug/L		ND	10	1
78 93 3	2 Butanone	ug/L		ND	100	1
104-51 8	n Butylbenzene	ug/L		ND	5 0	1
135 98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert-Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56 23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	5 0	1
124 48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75 00 3	Chloroethane	ug/L		ND	10	1
110-75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66 3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95 49 8	2 Chlorotoluene	ug/L		ND	5 0	1
106 43 4	4 Chlorotoluene	ug/L		ND	5 0	1
96 12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2 Dibromoethane	ug/L		ND	5 0	1
74 95 3	Dibromomethane	ug/L		ND	5 0	1
95 50 1	1 2 Dichlorobenzene	ug/L		ND	5 0	1
541 73 1	1 3 Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75 71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75 34-3	1 1-Dichloroethane	ug/L		ND	5 0	1
107-06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59-2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156 60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2 Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061 01 5	cis-1 3-Dichloropropene	ug/L		ND	5 0	1
10061 02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58 6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Report g Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090 05	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	MW019S	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS9	Method	8260A
Extract Date	N/A	Analyst	JLH	Run ID	R69820
Analysis Date	07/14/99 Time 22 04	Lab File ID	9M4113	Batch	WG60970

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100 41 4	Ethylbenzene	ug/L		ND	5 0	1
	n-Hexane	ug/L		ND	10	1
591 78 6	2 Hexanone	ug/L		ND	10	1
87 68 3	Hexachlorobutadiene	ug/L		ND	5 0	1
98 82 8	Isopropylbenzene	ug/L		ND	5 0	1
99 87 6	p-Isopropyltoluene	ug/L		ND	5 0	1
108 10 1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09 2	Methylene chloride	ug/L		ND	5 0	1
91-20 3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5 0	1
100 42 5	Styrene	ug/L		ND	5 0	1
630 20 6	1 1 1 2-Tetrachloroethane	ug/L		ND	5 0	1
79 34 5	1 1 2 2-Tetrachloroethane	ug/L		ND	5 0	1
127 18 4	Tetrachloroethene	ug/L		ND	5 0	1
108-88 3	Toluene	ug/L		ND	5 0	1
87 61 6	1 2 3-Trichlorobenzene	ug/L		ND	5 0	1
120-82 1	1 2 4-Trichlorobenzene	ug/L		ND	5 0	1
71-55 6	1 1 1-Trichloroethane	ug/L		ND	5 0	1
79 00 5	1 1 2-Trichloroethane	ug/L		ND	5 0	1
79 01 6	Trichloroethene	ug/L		ND	5 0	1
75 69 4	Trichlorofluoromethane	ug/L		ND	10	1
96 18 4	1 2 3-Trichloropropane	ug/L		ND	5 0	1
95 63 6	1 2 4-Trimethylbenzene	ug/L		ND	5 0	1
108 67 8	1 3 5-Trimethylbenzene	ug/L		ND	5 0	1
108 05 4	Vinyl acetate	ug/L		ND	10	1
75-01 4	Vinyl chloride	ug/L		ND	2 0	1
95 47 6	o-Xylene	ug/L		ND	5 0	1
108 38 3	m-Xylene	ug/L		ND	5 0	1
106-42 3	p-Xylene	ug/L		ND	5 0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97 8	(86 - 118%)
1 2-Dichloroethane-d4	99 7	(80 - 120%)
Toluene d8	105	(88 - 110%)
4-Bromofluorobenzene	104	(86 115%)

RL Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-VAP2 - Volatile Organics

Lab Sample ID	L9907090-06	Dil Type	N/A	Sample Weight	N/A
Client Sample ID	PZ021I	COC Info	N/A	Extract Volume	N/A
Site/Work ID	SC001/DAYTON THERMAL				
Matrix	Water	Date Collected	07/06/99	% Solid	N/A
TCLP Extract Date	N/A	Instrument	HPMS8	Method	8260A
Extract Date	N/A	Analyst	MES	Run ID	R69864
Analysis Date	07/14/99 Time 17 17	Lab File ID	8M9656	Batch	WG60972

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64 1	Acetone	ug/L		ND	100	1
71 43 2	Benzene	ug/L	8 2		5 0	1
108-86 1	Bromobenzene	ug/L		ND	5 0	1
74-97 5	Bromochloromethane	ug/L		ND	5 0	1
75-27 4	Bromodichloromethane	ug/L		ND	5 0	1
75-25 2	Bromoform	ug/L		ND	5 0	1
74-83 9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51 8	n-Butylbenzene	ug/L		ND	5 0	1
135-98 8	sec-Butylbenzene	ug/L		ND	5 0	1
98-06 6	tert Butylbenzene	ug/L		ND	5 0	1
75-15 0	Carbon disulfide	ug/L		ND	5 0	1
56-23 5	Carbon tetrachloride	ug/L		ND	5 0	1
108-90 7	Chlorobenzene	ug/L		ND	5 0	1
124-48 1	Chlorodibromomethane	ug/L		ND	5 0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75 8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67 66 3	Chloroform	ug/L		ND	5 0	1
74-87 3	Chloromethane	ug/L		ND	10	1
95-49 8	2-Chlorotoluene	ug/L		ND	5 0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5 0	1
96-12 8	1 2-Dibromo-3-chloropropane	ug/L		ND	5 0	1
106-93 4	1 2-Dibromoethane	ug/L		ND	5 0	1
74-95 3	Dibromomethane	ug/L		ND	5 0	1
95-50 1	1 2-Dichlorobenzene	ug/L		ND	5 0	1
541-73 1	1 3-Dichlorobenzene	ug/L		ND	5 0	1
106-46-7	1 4-Dichlorobenzene	ug/L		ND	5 0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34 3	1 1-Dichloroethane	ug/L		ND	5 0	1
107 06 2	1 2-Dichloroethane	ug/L		ND	5 0	1
75 35 4	1 1-Dichloroethene	ug/L		ND	5 0	1
156-59 2	cis-1 2-Dichloroethene	ug/L		ND	5 0	1
156-60 5	trans-1 2-Dichloroethene	ug/L		ND	5 0	1
78 87 5	1 2-Dichloropropane	ug/L		ND	5 0	1
142 28 9	1 3-Dichloropropane	ug/L		ND	5 0	1
594-20 7	2 2-Dichloropropane	ug/L		ND	5 0	1
10061-01 5	cis 1 3-Dichloropropene	ug/L		ND	5 0	1
10061-02 6	trans-1 3-Dichloropropene	ug/L		ND	5 0	1
563-58-6	1 1-Dichloropropene	ug/L		ND	5 0	1

RL Reporting Limit

KEMRON Environmental Services, Inc
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0 995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer See below

Special Notes for Organic Analytes

1 Acrolein and acrylonitrile by method 624 are semiquantitative screens only
2 1 2 Diphenylhydrazine is unstable and is reported as azobenzene
3 N nitrosodiphenylamine cannot be separated from diphenylamine
4 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5 m Xylene and p-Xylene are unresolvable compounds
6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX They are not always achievable for every compound and are matrix dependent

ORGANIC QA/QC

K mr n Environm ntal Services -OVL
Volatile Quality Control Summary

W rkgroup #	WG60970	**Run Dat**	7/14 99	**SMPL Num**	07 143-05	**LCS DF**	1
Method	8 60B	**Instrument ID**	HPMS9	**SMPL FLNM**	9M4104 D	**SMPL DF**	10
Matrix:	WATER	**BLK FLNM**	9M4094 D	**MS FLNM**	9M4105 D	**MS DF**	10
Units	ug/L	**LCS FLNM**	9M4095 D	**MSD FLNM**	9M4106 D	**MSD DF**	10

		CONCENTRATION PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spik Lev l	Sampl	MS	MSD	MS Spik Level	BLK	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L			%		%	%	%		%	%	%						
l hlo odifl o om thane	0 26	ND	22 9	20 0	ND	232 00	224 99	200 0	ND	114 6	10 0	153 0	ND	116 0	112 5	10 0	153 0	3 1	42.0						
hlo om than	0 57	ND	19 40	20 0	ND	197 10	202 12	200 0	ND	97 0	49 0	129 0	ND	98 6	101 1	49 0	129 0	2 5	30 0						
vinyl chloride	0 30	ND	1 93	20 0	ND	216 74	209 58	200 0	ND	109 7	57 0	135 0	ND	108 4	104 8	57 0	135 0	3 4	30 0						
b m methane	0 68	ND	7 36	20 0	ND	253 79	238 89	200 0	ND	136 8	58 0	140 0	ND	126 9	119 4	58 0	140 0	6 0	39 0						
hloroethane	0 44	ND	19 44	20 0	ND	190 53	196 25	200 0	ND	97	69 0	126 0	ND	95 3	98 1	69 0	126 0	3 0	27 0						
tr hl roflu omethane	0 32	ND	19 49	20 0	ND	200 88	193 55	200 0	ND	97 5	67 0	152 0	ND	100 4	96 8	67 0	152 0	3 7	22 0						
isop ne	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrol in	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 tr hloro-1 trifluoroethan	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
t n	4 76	ND	18 10	0 0	31 23	215 22	229 77	200 0	ND	90 5	40 0	142 0	31	92 0	99 3	40 0	142 0	6 5	40 0						
: l dichl roeth ne	0 31	ND	19 10	20 0	ND	192 77	197 34	200 0	ND	97 0	81 0	130 0	ND	96 4	98 7	81 0	130 0	2 3	18 0						
dim thyl lfid	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iod methane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
n thyl ne hlo de	0 74	ND	19 79	20 0	ND	205 40	216 78	200 0	ND	99 0	76 0	125 0	ND	102 7	108 4	76 0	125 0	5 4	19 0						
arbon disulfide	0 73	ND	2 35	20 0	ND	220 27	220 03	200 0	ND	111 8	70 0	138 0	ND	110 1	110 0	70 0	138 0	0 1	20 0						
rylonitril	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl t rt butyl eth	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans 1 2-d hl roeth ne	0 22	ND	21 65	20 0	ND	216 27	218 65	200 0	ND	108 3	86 0	135 0	ND	108 1	109 3	86 0	135 0	1 1	16 0						
h xane	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
myl tate	1 00	ND	27 54	20 0	ND	287 48	302 91	200 0	ND	137 7	10 0	136 0	ND	143 7	151 5	10 0	136 0	5 2	66 0		H		H	H	
1 1-dichl roethan	0 23	ND	0 57	0 0	ND	10 83	206 37	200 0	ND	10 9	84 0	127 0	ND	105 4	103 2	84 0	127 0	2 1	15 0						
b tan n	2 00	ND	17 14	20 0	ND	176 62	186 28	200 0	ND	85 7	61 0	137 0	ND	88 3	93 1	61 0	137 0	5 3	30 0						
d hlo opropane	0 26	ND	0 39	20 0	ND	183.71	178 29	200 0	ND	102 0	79 0	130 0	ND	91 9	89 1	79 0	130 0	3 0	17 0						
cis-1 -d hl roethen	0 24	ND	20 73	20 0	ND	209 56	207 31	200 0	ND	103 7	82 0	121 0	ND	104 8	103 7	82 0	121 0	1 1	15 0						
hloroform	0 1	ND	20 59	20 0	ND	210 88	207 33	200 0	ND	103 0	85 0	121 0	ND	105 4	103 7	85 0	121 0	1 7	15 0						
b mochl om than	0 21	ND	20 98	20 0	ND	215 51	216 90	200 0	ND	104 9	85 0	121 0	ND	107 8	108 5	85 0	121 0	0 6	15 0						
1 1 1 tri hl oethan	0 30	ND	0 53	20 0	ND	209 11	204 82	200 0	ND	102 7	78 0	127 0	ND	104 6	102 4	78 0	127 0	2 1	17 0						
yclohexan	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1 1-d hl ropr pen	0.29	ND	22 5	0 0	ND	221 84	221 77	200 0	ND	111 3	91 0	133 0	ND	110 9	110 9	91 0	133 0	0 0	15 0						
arbon tetra hlorid	0 30	ND	21 73	20 0	ND	222 39	214 38	200 0	ND	108 7	70 0	130 0	ND	111 2	107 2	70 0	130 0	3 7	20 0						
1 2-di hloroethane	0 1	ND	19 77	20 0	ND	206.18	202 09	200 0	ND	98 9	78 0	128 0	ND	103 1	101 0	78 0	128 0	2 0	17 0						
benze	0 20	ND	21 43	20 0	ND	218 87	216 33	200 0	ND	107 2	87 0	118 0	ND	109 4	108 2	87 0	118 0	1 2	15 0						
tri hlor ethene	0 30	ND	20 45	20 0	ND	208 42	07 18	00 0	ND	102 3	83 0	1 3 0	ND	104 2	103 6	83 0	1 3 0	0 6	15 0						
1 1 hlo pr pan	0 0	ND	19 90	20 0	ND	204 2	203 78	00 0	ND	100 0	81 0	1 1 0	ND	10 1	101 9	81 0	121 0	0 2	15 0						
b od hl methan	0 4	ND	0 83	20 0	ND	13 39	11 03	00 0	ND	104 7	81 0	1 6 0	ND	106 7	105 5	81 0	176 0	1 1	16 0						
d bromomethan	0 25	ND	0 58	20 0	ND	214 34	210 78	200 0	ND	10 9	83 0	172 0	ND	107 2	105 4	83 0	127 0	1 7	15 0						
-chloroethylvinyl ether	0 79	ND	18 9	20 0	ND	187 70	197 29	200 0	ND	91 5	45 0	154 0	ND	93 9	98 6	45 0	154 0	5 0	46.0						
4 m thyl 2 pentanon	1 27	ND	21 05	20 0	ND	240 42	245 48	200 0	ND	105 3	66 0	132 0	ND	120 2	122 7	66 0	132 0	2 1	33 0						
is 1 3 dichl rop open	0 15	ND	1 53	20 0	ND	216.65	214 06	200.0	ND	107 7	82 0	124 0	ND	108 3	107 0	82 0	124 0	1 2	15 0						
d thyl disulfid	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0 21	ND	1 89	20 0	ND	218 98	217 75	200 0	ND	109 5	84 0	123 0	ND	109 5	108 9	84 0	123 0	0 6	15 0						
thyl m thacryl t	NTC	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tr is 1 3 dichlo oprop n	0 33	ND	20 19	20 0	ND	202 64	202 58	200 0	ND	101 0	80 0	124 0	ND	101 3	101 3	80 0	124 0	0 0	15 0						
1 1 tri hl roethan	0 45	ND	21 26	20 0	ND	220 23	219 67	200 0	ND	106 3	78 0	122 0	ND	110 1	109 8	78 0	122 0	0 3	15 0						