TASK 220:
EXPLORATORY SITE INVESTIGATION

New Britain-Hartford Busway
Flatbush Station
470 New Park Avenue
West Hartford, Connecticut

Volume 2 of 2

ConnDOT Assignment No. 202-3153
ConnDOT Project No. 171-305

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-1 SA55399-13	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	5.0	5	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
67-64-1	Acetone	166		µg/l	100	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	18.0		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	15.0		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	38.6		µg/l	5.0	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	50.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	19.8		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	21.0		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	15.7		µg/l	5.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
91-20-3	Naphthalene	131		µg/l	5.0	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-1	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06
SA55399-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	29.1		µg/l	5.0	5	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
100-42-5	Styrene	BRL		µg/l	5.0	5	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	21.0		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	576		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	202		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	144		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	155		µg/l	5.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	50.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	141		µg/l	50.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	100	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	3.3		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	3.3		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	3.3		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*113*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-1 SA55399-13	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	7.14	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	7.14	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	7.14	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	7.14	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	7.14	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	7.14	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	7.14	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	7.14	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	7.14	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	7.14	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	7.14	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	7.14	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	7.14	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	7.14	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
91-20-3	Naphthalene	36.1		µg/l	7.14	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	7.14	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	7.14	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	7.14	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-1	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06
SA55399-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.4*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	0.243		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	13-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	11.7		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	0.100		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	0.114		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	3.26		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	17.8		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	0.086		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.086		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*55.0*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-Dec-06	15-Dec-06	6120845	LR
7440-38-2	Arsenic	0.0479		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	2.29		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0120		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.478		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.188		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	0.0196		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00027		mg/l	0.00020	1	EPA 245.1/7470A	14-Dec-06	14-Dec-06	6120846	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-2	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06
SA55399-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B			PH								
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-2	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06
SA55399-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B			PH								
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.4*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*97.6*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-2	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06
SA55399-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	7.14	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	7.14	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	7.14	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	7.14	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	7.14	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	7.14	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	7.14	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	7.14	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	7.14	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	7.14	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	7.14	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	7.14	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	7.14	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	7.14	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	7.14	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	7.14	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	7.14	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-2 SA55399-14	171-305	Ground Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*84.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*83.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*83.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*119*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*74.2*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	13-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63.6*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-Dec-06	15-Dec-06	6120845	LR
7440-38-2	Arsenic	0.0244		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	1.88		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0058		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.199		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0782		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	14-Dec-06	14-Dec-06	6120846	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-3	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	108		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	17.4		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	6.0		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	676	E	µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	66.7		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	5.1		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	441	E	µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-3	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	163		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	25.3		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	744	E	µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	744	E	µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	395	E	µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	1,780	E	µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	875	E	µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93.0*		*70-130 %*			"	"	"	"	"
Volatile Organic Compounds by SW846 8260B									**SA55456-04RE1**		
Prepared by method SW846 5030 Water MS											
100-41-4	Ethylbenzene	1,430		µg/l	20.0	20	SW846 8260B	17-Dec-06	18-Dec-06	6121315	mar
91-20-3	Naphthalene	334		µg/l	20.0	20	"	"	"	"	"
108-88-3	Toluene	845		µg/l	20.0	20	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	1,310		µg/l	20.0	20	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	409		µg/l	20.0	20	"	"	"	"	"
1330-20-7	m,p-Xylene	3,170		µg/l	40.0	20	"	"	"	"	"
95-47-6	o-Xylene	1,190		µg/l	20.0	20	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	7.5		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-3 SA55456-04	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	7.5		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	7.5		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*89.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.67	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
208-96-8	Acenaphthylene	BRL		µg/l	6.67	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.67	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.67	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.67	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.67	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.67	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.67	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.67	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.67	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.67	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.67	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.67	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.67	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.67	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.67	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.67	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.67	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.67	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.67	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.67	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.67	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.67	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.67	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.67	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	6.67	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.67	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.67	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.67	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.67	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.67	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-3	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
118-74-1	Hexachlorobenzene	BRL		µg/l	6.67	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.67	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.67	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.67	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.67	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.67	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	19.9		µg/l	6.67	1	"	"	"	"	"
91-20-3	Naphthalene	73.1		µg/l	6.67	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.67	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.67	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	6.67	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.67	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.67	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.67	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.67	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.67	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*124*	SGC	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*134*	SGC	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.4*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	53.0		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	0.187		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	0.053		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	0.133		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	9.25		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	25.8		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	0.053		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.133		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89.5*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*58.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-3 SA55456-04	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-39-3	Barium	0.114		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0128		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-4	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	17-Dec-06	6121291	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-4 SA55456-05	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	17-Dec-06	6121291	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86.4*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.250	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-4	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11104-28-2	PCB 1221	BRL		µg/l	0.250	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM
11141-16-5	PCB 1232	BRL		µg/l	0.250	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.250	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.250	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.250	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.250	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.250	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.250	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.90	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
208-96-8	Acenaphthylene	BRL		µg/l	6.90	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.90	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.90	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.90	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.90	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.90	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.90	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.90	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.90	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.90	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.90	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.90	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.90	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.90	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.90	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.90	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.90	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.90	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.90	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.90	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.90	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.90	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.90	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.90	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	6.90	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.90	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.90	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.90	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.90	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-4	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
86-73-7	Fluorene	BRL		µg/l	6.90	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
118-74-1	Hexachlorobenzene	BRL		µg/l	6.90	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.90	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.90	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.90	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.90	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.90	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.90	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.90	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.90	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.90	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	6.90	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.90	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.90	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.90	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.90	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.90	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*59.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.5*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	0.055		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*84.1*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*55.3*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-4	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	0.0104		mg/l	0.0040	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-39-3	Barium	0.352		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0825		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0288		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-5 SA55203-12	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	50.0	50	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	1000	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	25.0	50	"	"	"	"	"
71-43-2	Benzene	3,170		µg/l	50.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	50.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	25.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	100	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	500	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	250	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	100	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	50.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	50.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	25.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	25.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	25.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	25.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	25.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	500	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	50.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	6,730		µg/l	50.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	500	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	250	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	50.0	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-5 SA55203-12	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	50.0	50	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	50.0	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	25.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	50.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	50.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	50.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	100	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	50.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	500	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	50.0	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	680		µg/l	50.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	50.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	51.5		µg/l	50.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	500	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	1000	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.7*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	08-Dec-06	11-Dec-06	6120531	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	0.8		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	0.8		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	0.8		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-5 SA55203-12	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.8	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.8	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.8	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.8	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.8	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.8	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.8	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.8	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.8	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.8	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.8	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.8	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.8	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GP-5 SA55203-12	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*73.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*68.8*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.239		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0421		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0252		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-6 SA55456-06	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	17-Dec-06	6121291	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-6	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	17-Dec-06	17-Dec-06	6121291	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.2*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.06	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-6 SA55456-06	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	6.06	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	6.06	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.06	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.06	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.06	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.06	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.06	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.06	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.06	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.06	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.06	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.06	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.06	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.06	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.06	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.06	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.06	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.06	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.06	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.06	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.06	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.06	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.06	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.06	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	6.06	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.06	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.06	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.06	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.06	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.06	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	6.06	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.06	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.06	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.06	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.06	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.06	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.06	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.06	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.06	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.06	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	6.06	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.06	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.06	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.06	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.06	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-6	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	6.06	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.9*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50.1*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.170		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*86.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84.3*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0709		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-7 SA55456-07	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	6.4		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-7	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.8*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.25	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-7 SA55456-07	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3510C

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
208-96-8	Acenaphthylene	BRL		µg/l	6.25	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.25	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.25	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.25	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.25	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.25	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.25	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.25	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.25	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	6.25	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.25	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.25	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.25	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.25	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.25	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.25	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.25	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.25	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-7 SA55456-07	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	6.25	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.5*		*30-130 %*							
367-12-4	*2-Fluorophenol*	*66.3*		*15-110 %*							
4165-60-0	*Nitrobenzene-d5*	*51.2*		*30-130 %*							
4165-62-2	*Phenol-d5*	*46.7*		*15-110 %*							
1718-51-0	*Terphenyl-dl4*	*61.7*		*30-130 %*							
118-79-6	*2,4,6-Tribromophenol*	*52.1*		*15-110 %*							
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.125		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81.6*		*30-130 %*							
1718-51-0	*Terphenyl-dl4*	*56.6*		*30-130 %*							
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0588		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-8	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-8	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.7*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.7*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	08-Dec-06	11-Dec-06	6120531	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-8 SA55203-13	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-8 SA55203-13	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*75.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*74.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*69.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*68.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0745		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-9 SA55203-14	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	10.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	1.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	10.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	5.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-9	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	08-Dec-06	11-Dec-06	6120531	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-9	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.8	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.8	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.8	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.8	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.8	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.8	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.8	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.8	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.8	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.8	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	11.8	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.8	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.8	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.8	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.8	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.8	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.8	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.8	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	11.8	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	11.8	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.8	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-9 SA55203-14	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	11.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*72.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64.6*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0588		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-10	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	1.0		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-10 SA55203-15	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	11-Dec-06	11-Dec-06	6120663	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*78.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	10.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-10 SA55203-15	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	10.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	10.8	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	10.8	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	10.8	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	10.8	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	10.8	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	10.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	10.8	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	10.8	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	10.8	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	10.8	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	10.8	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	10.8	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	10.8	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	10.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	10.8	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	10.8	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	10.8	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	10.8	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	10.8	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	10.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.8	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	10.8	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	10.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	10.8	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	10.8	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	10.8	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	10.8	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	10.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	10.8	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	10.8	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	10.8	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	10.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	10.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	10.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	10.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	10.8	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	10.8	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	10.8	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	10.8	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	10.8	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	10.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	10.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-10	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	10.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*76.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*71.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0187		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11 SA55456-08	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	17.1		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.6*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	13-Dec-06	13-Dec-06	6120882	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*94.2*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.012	1	SW846 8081A	13-Dec-06	15-Dec-06	6120880	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	a-BHC	BRL		µg/l	0.012	1	SW846 8081A	13-Dec-06	15-Dec-06	6120880	TG
319-85-7	b-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.012	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.059	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.012	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.012	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.012	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.012	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.012	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.012	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.012	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.012	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.059	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.012	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*116*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0235	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0235	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0235	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0235	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0235	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0235	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0235	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0235	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0235	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	12.5	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
208-96-8	Acenaphthylene	BRL		µg/l	12.5	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	12.5	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	12.5	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	12.5	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.5	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	12.5	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
50-32-8	Benzo (a) pyrene	BRL		µg/l	12.5	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.5	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	12.5	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	12.5	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.5	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.5	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.5	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.5	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	12.5	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.5	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	12.5	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.5	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	12.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	12.5	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.5	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.5	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.5	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.5	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	12.5	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	12.5	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.5	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.5	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	12.5	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.5	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	12.5	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	25.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	12.5	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	50.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11 SA55456-08	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	12.5	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	12.5	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	50.0	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.5	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.5	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.5	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	50.0	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	12.5	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	12.5	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	12.5	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	12.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.5	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.5	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.5	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*68.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.8*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	0.050		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.125		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82.4*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61.1*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0751		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-11 SA55456-08	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-12 SA55203-16	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	1.2		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-12	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06
SA55203-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	1.0		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	11-Dec-06	11-Dec-06	6120663	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	13.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-12 SA55203-16	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	13.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	13.8	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	13.8	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	13.8	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	13.8	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	13.8	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	13.8	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	13.8	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	13.8	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	13.8	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	13.8	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	13.8	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	13.8	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	13.8	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	13.8	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	13.8	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	13.8	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	13.8	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	13.8	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	13.8	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	13.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	13.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	13.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	13.8	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	13.8	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	13.8	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	13.8	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	13.8	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	13.8	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	13.8	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	13.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	13.8	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	13.8	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	13.8	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	13.8	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	13.8	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	13.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	13.8	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	13.8	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	13.8	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	13.8	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	13.8	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	13.8	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	13.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	13.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-12 SA55203-16	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	13.8	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*75.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*75.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*70.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.144		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0235		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0131		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-13 SA55456-09	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1.8		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-13	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.2*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	14-Dec-06	14-Dec-06	6121007	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-13 SA55456-09	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	7.14	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	7.14	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	7.14	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	7.14	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	7.14	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	7.14	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	7.14	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	7.14	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	7.14	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	7.14	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	7.14	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	7.14	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	7.14	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	7.14	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	7.14	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	7.14	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	7.14	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	7.14	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	7.14	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	7.14	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	7.14	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	7.14	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	7.14	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	7.14	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	7.14	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	7.14	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	7.14	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-13	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	7.14	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*72.7*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	0.057		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.114		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*83.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	0.0065		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.120		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-14 SA55456-10	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-14	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	14-Dec-06	14-Dec-06	6121007	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74.1*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.276	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-14	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11104-28-2	PCB 1221	BRL		µg/l	0.276	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM
11141-16-5	PCB 1232	BRL		µg/l	0.276	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.276	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.276	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.276	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.276	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.276	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.276	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89.9*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.25	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
208-96-8	Acenaphthylene	BRL		µg/l	6.25	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.25	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.25	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.25	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.25	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.25	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.25	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.25	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.25	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	6.25	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-14	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
86-73-7	Fluorene	BRL		µg/l	6.25	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
118-74-1	Hexachlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.25	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.25	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.25	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.25	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.25	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.25	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.25	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*62.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*56.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46.5*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.100		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*83.2*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*50.6*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-14 SA55456-10	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-39-3	Barium	0.0655		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0088		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-15 SA55203-17	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	34.1		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-15 SA55203-17	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	11-Dec-06	11-Dec-06	6120663	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-15 SA55203-17	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3510C

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ECS-MW-15 SA55203-17	171-305	Ground Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*71.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*72.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*68.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.4*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0362		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-16 SA55456-11	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1.5		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-16	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.2*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	14-Dec-06	14-Dec-06	6121007	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87.9*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.88	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-16	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06
SA55456-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	5.88	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	5.88	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.88	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.88	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.88	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.88	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.88	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.88	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.88	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.88	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.88	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.88	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.88	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.88	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.88	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.88	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	5.88	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.88	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.88	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.88	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.88	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.88	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.88	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.88	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.88	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.88	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.88	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.88	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.88	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.88	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESC-MW-16 SA55456-11	171-305	Ground Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	5.88	1	SW846 8270C	12-Dec-06	18-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*55.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*43.4*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.094		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81.1*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*49.2*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0356		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW SA55330-21	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	3.4		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	18.6		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	12.5		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	1.4		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	5.2		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	11.2		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	878	E	µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06
SA55330-21				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	20.5		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	5.1		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	7.9		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	1.4		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	11.0		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	3.3		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.0*		*70-130 %*			"	"	"	"	"
Volatile Organic Compounds by SW846 8260B									**SA55330-21RE1**		
Prepared by method SW846 5030 Water MS											
91-20-3	Naphthalene	1,350		µg/l	20.0	20	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.2*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.6	5	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.6	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.6	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.6	5	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/l	0.6	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.6	5	"	"	"	"	"
	Unidentified	15.4		mg/l	0.6	5	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.6	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW SA55330-21	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
	Total Petroleum Hydrocarbons	15.4		mg/l	0.6	5	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
	C9-C36 Aliphatic Hydrocarbons	15.4		mg/l	0.6	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*182*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.011	1	SW846 8081A	12-Dec-06	13-Dec-06	6120876	TG
319-84-6	a-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.011	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.057	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.011	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.011	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.011	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.011	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.011	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.011	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.011	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.011	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.057	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.011	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*67.0*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0227	1	SW846 8082	12-Dec-06	13-Dec-06	6120665	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0227	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0227	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0227	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0227	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0227	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0227	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0227	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0227	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW SA55330-21	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
83-32-9	Acenaphthene	36.0		µg/l	5.43	1	SW846 8270C	11-Dec-06	14-Dec-06	6120666	M.B
208-96-8	Acenaphthylene	BRL		µg/l	5.43	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	5.43	1	"	"	"	"	"
120-12-7	Anthracene	6.36		µg/l	5.43	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	5.43	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.43	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.43	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.43	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.43	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.43	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.43	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.43	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.43	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.43	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.43	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.43	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.43	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.43	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
86-74-8	Carbazole	21.7		µg/l	5.43	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.43	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.43	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.43	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	5.43	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.43	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.43	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.43	1	"	"	"	"	"
132-64-9	Dibenzofuran	25.7		µg/l	5.43	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.43	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.43	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.43	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.43	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.43	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.43	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.43	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.43	1	"	"	"	"	"
206-44-0	Fluoranthene	14.4		µg/l	5.43	1	"	"	"	"	"
86-73-7	Fluorene	33.0		µg/l	5.43	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.43	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.43	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.43	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.43	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.43	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	66.0		µg/l	5.43	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW SA55330-21	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
95-48-7	2-Methylphenol	BRL		µg/l	5.43	1	SW846 8270C	11-Dec-06	14-Dec-06	6120666	M.B
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.9	1	"	"	"	"	"
91-20-3	Naphthalene	164		µg/l	5.43	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.43	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.43	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	21.7	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/l	5.43	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	21.7	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.43	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.43	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.43	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	21.7	1	"	"	"	"	"
85-01-8	Phenanthrene	41.1		µg/l	5.43	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	5.43	1	"	"	"	"	"
129-00-0	Pyrene	9.61		µg/l	5.43	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	5.43	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.43	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	39.6		µg/l	5.43	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.43	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.43	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*32.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*77.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*22.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*30.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62.1*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	43.1		µg/l	5.00	1	SW846 8270C/EPA 625 SIM	"	14-Dec-06	"	"
208-96-8	Acenaphthylene	1.57		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	53.0		µg/l	5.00	1	"	"	"	"	"
120-12-7	Anthracene	3.72		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	2.13		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	1.73		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	2.16		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	0.848		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1.47		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	2.10		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	0.174		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	10.1		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	35.3		µg/l	5.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1.14		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	41.1		µg/l	5.00	1	"	"	"	"	"
91-20-3	Naphthalene	99.5		µg/l	5.00	1	"	"	"	"	"
85-01-8	Phenanthrene	22.9		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	9.29		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
470-12 GW SA55330-21	171-305	Ground Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
321-60-8	*2-Fluorobiphenyl*	*54.3*		*30-130 %*			SW846 8270C/EPA 625 SIM	11-Dec-06	14-Dec-06	6120666	M.B
1718-51-0	*Terphenyl-dl4*	*29.8*	SGC	*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL	R01	mg/l	0.0375	5	SW846 6010B	13-Dec-06	14-Dec-06	6120710	JLC
7440-38-2	Arsenic	0.166		mg/l	0.0200	5	"	"	"	"	"
7440-39-3	Barium	0.600		mg/l	0.0250	5	"	"	"	"	"
7440-43-9	Cadmium	BRL	R01	mg/l	0.0125	5	"	"	"	"	"
7440-47-3	Chromium	0.137		mg/l	0.0250	5	"	"	"	"	"
7439-92-1	Lead	1.10		mg/l	0.0375	5	"	"	"	"	"
7782-49-2	Selenium	BRL	R01	mg/l	0.0750	5	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00207		mg/l	0.00020	1	EPA 245.1/7470A	13-Dec-06	14-Dec-06	6120712	YP

APPENDIX F
Waste Sample
Laboratory Reports

Report Date:
19-Dec-06 17:21

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Busway - W. Hartford, CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA55456-01	FD-1	Sludge	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-02	FD-2	Sludge	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-03	FD-3	Sludge	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-04	GP-3	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-05	GP-4	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-06	ESC-MW-6	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-07	ESC-MW-7	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-08	ESC-MW-11	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-09	ESC-MW-13	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-10	ESC-MW-14	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-11	ESC-MW-16	Ground Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-12	OD-GRAB	Waste Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-13	FORMER OWS	Waste Water	11-Dec-06 00:00	12-Dec-06 17:50
SA55456-14	TB-4	Blank Water	11-Dec-06 00:00	12-Dec-06 17:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 123 pages of analytical data plus Chain of Custody document(s).
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New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-1	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	12-Dec-06	12-Dec-06	6120877	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	86.0	50	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
67-64-1	Acetone	31,600	E	µg/kg dry	1720	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	86.0	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	86.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	172	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	1,250		µg/kg dry	860	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	430	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	172	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	86.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	172	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	172	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	86.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	172	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	860	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	132		µg/kg dry	86.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	860	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	860	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-1	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
91-20-3	Naphthalene	BRL		µg/kg dry	86.0	50	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	86.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	86.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	86.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	172	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	86.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	860	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	86.0	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	86.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	86.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	86.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	860	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1720	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Volatile Organic Compounds									**SA55456-01RE1**		
Prepared by method SW846 5030 Soil (high level)											
67-64-1	Acetone	37,700		µg/kg dry	8600	250	SW 846 8260B	18-Dec-06	19-Dec-06	6121451	jro
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.3*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	527	10	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121032	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	527	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	527	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	527	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	527	10	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/kg dry	527	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	527	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-1	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3550B											
	Unidentified	3,400		mg/kg dry	527	10	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121032	JD
	Other Oil	Calculated as		mg/kg dry	527	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,400		mg/kg dry	527	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*1400*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	36.5	1	SW846 8082	14-Dec-06	14-Dec-06	6121033	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	36.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	36.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	36.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	36.5	1	"	"	"	"	"
11097-69-1	PCB 1254	248		µg/kg dry	36.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	36.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	36.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	36.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	262	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	262	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	262	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	262	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	262	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	262	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	262	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	507		µg/kg dry	262	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	634		µg/kg dry	262	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	687		µg/kg dry	262	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	481		µg/kg dry	262	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	740		µg/kg dry	262	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	262	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	262	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	262	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	262	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	262	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	10,900		µg/kg dry	262	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	262	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	262	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	262	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	262	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	262	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	262	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	262	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-1 SA55456-01	171-305	Sludge	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
218-01-9	Chrysene	803		µg/kg dry	262	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	262	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	262	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	262	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	262	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	262	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	262	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	262	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	262	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	262	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	262	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	262	2	"	"	"	"	"
206-44-0	Fluoranthene	1,780		µg/kg dry	262	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	262	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	262	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	262	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	262	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	365		µg/kg dry	262	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	262	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	262	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	262	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	262	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	262	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	262	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	262	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	262	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1050	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1050	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	262	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	262	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	262	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
85-01-8	Phenanthrene	439		µg/kg dry	262	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	262	2	"	"	"	"	"
129-00-0	Pyrene	1,400		µg/kg dry	262	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	262	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	262	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	262	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.6*		*30-130 %*			"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-1	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
367-12-4	*2-Fluorophenol*	*58.2*		*15-110 %*			SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
4165-60-0	*Nitrobenzene-d5*	*64.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*78.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*71.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0388	1	SW846 7471A	15-Dec-06	18-Dec-06	6121067	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.21	1	EPA 200.7	15-Dec-06	15-Dec-06	6121065	RM
7440-38-2	Arsenic	1.99		mg/kg dry	1.81	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/kg dry	0.242	1	"	"	"	"	"
7440-43-9	Cadmium	1.97		mg/kg dry	0.302	1	"	"	"	"	"
7440-47-3	Chromium	129		mg/kg dry	0.604	1	"	"	"	"	"
7440-50-8	Copper	286		mg/kg dry	0.604	1	"	"	"	"	"
7440-02-0	Nickel	54.0		mg/kg dry	0.604	1	"	"	"	"	"
7439-92-1	Lead	59.9		mg/kg dry	0.906	1	"	"	"	"	"
7440-36-0	Antimony	55.0		mg/kg dry	1.81	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
7440-66-6	Zinc	556		mg/kg dry	0.604	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	14-Dec-06	14-Dec-06	6121139	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	15-Dec-06	15-Dec-06	6121180	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	"
7440-43-9	Cadmium	0.0250		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0335		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0866		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1311/7470A	"	18-Dec-06	6121181	YP
7440-02-0	Nickel	0.252		mg/l	0.0050	1	SW846 1311/6010B	"	15-Dec-06	6121180	JLC
7439-92-1	Lead	0.0240		mg/l	0.0075	1	"	"	"	"	"
7440-36-0	Antimony	0.0726		mg/l	0.0060	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-28-0	Thallium	0.0087		mg/l	0.0050	1	"	"	"	"	"
7440-66-6	Zinc	11.3		mg/l	0.0050	1	"	"	"	"	"
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	14-Dec-06	14-Dec-06	6121111	YM
	pH	6.67		pH Units		1	SW846 9045C	12-Dec-06 20:30	12-Dec-06	6120879	BD
General Chemistry Parameters											
	% Solids	75.5		%		1	SM2540 G Mod.	14-Dec-06	14-Dec-06	6121053	BD
Subcontracted Analyses											
	Total Organic Halides	BRL		mg/kg	50.00		SW846 9023		15-Dec-06	'[none]'	PH052

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-2 SA55456-02	171-305	Sludge	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	12-Dec-06	12-Dec-06	6120877	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	124	50	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
67-64-1	Acetone	BRL		µg/kg dry	2480	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	124	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	124	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	124	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	124	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	124	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	248	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1240	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	619	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	124	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	248	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	124	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	248	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	124	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	124	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	248	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	124	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	124	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	124	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	248	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	124	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	124	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	124	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	124	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	124	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	124	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	124	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1240	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	124	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	124	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1240	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1240	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-2	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
91-20-3	Naphthalene	BRL		µg/kg dry	124	50	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	124	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	124	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	124	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	124	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	124	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	124	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	124	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	248	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	124	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1240	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	124	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	124	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	124	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	124	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1240	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	2480	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	689	10	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121032	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	689	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	689	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	689	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	689	10	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/kg dry	689	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	689	10	"	"	"	"	"
	Unidentified	2,710		mg/kg dry	689	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	689	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,710		mg/kg dry	689	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*348*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-2 SA55456-02	171-305	Sludge	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	55.1	1	SW846 8082	14-Dec-06	15-Dec-06	6121033	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	55.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	55.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	55.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	55.1	1	"	"	"	"	"
11097-69-1	PCB 1254	322		µg/kg dry	55.1	1	"	"	"	"	"
11096-82-5	PCB 1260	85.3		µg/kg dry	55.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	55.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	55.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70.0*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	342	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	342	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	342	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	342	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	342	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	342	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	342	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	746		µg/kg dry	342	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	1,490		µg/kg dry	342	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,950		µg/kg dry	342	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,200		µg/kg dry	342	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,480		µg/kg dry	342	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	342	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	342	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	342	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	342	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	342	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	4,760		µg/kg dry	342	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	342	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	342	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	342	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	342	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	342	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	342	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	342	2	"	"	"	"	"
218-01-9	Chrysene	1,510		µg/kg dry	342	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	342	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	342	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	342	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	342	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-2	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
84-66-2	Diethyl phthalate	BRL		µg/kg dry	342	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	342	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	342	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	342	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	342	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	342	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	342	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	342	2	"	"	"	"	"
206-44-0	Fluoranthene	1,780		µg/kg dry	342	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	342	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	342	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	342	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	342	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	740		µg/kg dry	342	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	342	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	342	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	342	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	342	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	342	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	342	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	342	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	342	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1370	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1370	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	342	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	342	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	342	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	342	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	342	2	"	"	"	"	"
129-00-0	Pyrene	2,140		µg/kg dry	342	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	342	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	342	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	342	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*71.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*73.4*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0514	1	SW846 7471A	15-Dec-06	18-Dec-06	6121067	YP
Total Metals by EPA 200 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-2 SA55456-02	171-305	Sludge	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.67	1	EPA 200.7	15-Dec-06	15-Dec-06	6121065	RM
7440-38-2	Arsenic	3.20		mg/kg dry	2.50	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/kg dry	0.334	1	"	"	"	"	"
7440-43-9	Cadmium	26.3		mg/kg dry	0.417	1	"	"	"	"	"
7440-47-3	Chromium	125		mg/kg dry	0.834	1	"	"	"	"	"
7440-50-8	Copper	1,540		mg/kg dry	0.834	1	"	"	"	"	"
7440-02-0	Nickel	265		mg/kg dry	0.834	1	"	"	"	"	"
7439-92-1	Lead	1,100		mg/kg dry	1.25	1	"	"	"	"	"
7440-36-0	Antimony	89.1		mg/kg dry	2.50	1	"	"	"	"	"
7782-49-2	Selenium	3.52		mg/kg dry	2.50	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/kg dry	2.50	1	"	"	"	"	"
7440-66-6	Zinc	1,220		mg/kg dry	0.834	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	14-Dec-06	14-Dec-06	6121139	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	15-Dec-06	15-Dec-06	6121180	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	"
7440-43-9	Cadmium	0.181		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0057		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	5.40		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1311/7470A	"	18-Dec-06	6121181	YP
7440-02-0	Nickel	1.33		mg/l	0.0050	1	SW846 1311/6010B	"	15-Dec-06	6121180	JLC
7439-92-1	Lead	0.128		mg/l	0.0075	1	"	"	"	"	"
7440-36-0	Antimony	0.0484		mg/l	0.0060	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-66-6	Zinc	9.56		mg/l	0.0050	1	"	"	"	"	"
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	14-Dec-06	14-Dec-06	6121111	YM
	pH	7.34		pH Units		1	SW846 9045C	12-Dec-06 20:30	12-Dec-06	6120879	BD
General Chemistry Parameters											
	% Solids	57.5		%		1	SM2540 G Mod.	14-Dec-06	14-Dec-06	6121053	BD
Subcontracted Analyses											
	Total Organic Halides	BRL		mg/kg	50.00		SW846 9023		15-Dec-06	'[none]'	PH052

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-3	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	12-Dec-06	12-Dec-06	6120877	BD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	1090	500	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
67-64-1	Acetone	BRL		µg/kg dry	21900	500	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	1090	500	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	1090	500	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	2190	500	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	10900	500	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	5460	500	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	2190	500	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	1090	500	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	2190	500	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	1090	500	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	1090	500	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	2190	500	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	1090	500	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	2190	500	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	1090	500	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	1090	500	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	1090	500	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	1090	500	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	1090	500	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	1090	500	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	1090	500	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	1090	500	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	1090	500	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1090	500	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	10900	500	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
99-87-6	4-Isopropyltoluene	1,570		µg/kg dry	1090	500	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	10900	500	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	10900	500	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-3 SA55456-03	171-305	Sludge	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
91-20-3	Naphthalene	BRL		µg/kg dry	1090	500	SW 846 8260B	18-Dec-06	19-Dec-06	6121377	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	1090	500	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	1090	500	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	1090	500	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	1090	500	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	1090	500	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	1090	500	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	2190	500	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	1090	500	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	10900	500	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	1090	500	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	1090	500	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	1090	500	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	1090	500	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	10900	500	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	21900	500	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	576	10	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121032	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	576	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	576	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	576	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	576	10	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/kg dry	576	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	576	10	"	"	"	"	"
	Unidentified	3,920		mg/kg dry	576	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	576	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,920		mg/kg dry	576	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*935*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-3	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	48.9	1	SW846 8082	14-Dec-06	15-Dec-06	6121033	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	48.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	48.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	48.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	48.9	1	"	"	"	"	"
11097-69-1	PCB 1254	501		µg/kg dry	48.9	1	"	"	"	"	"
11096-82-5	PCB 1260	154		µg/kg dry	48.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	48.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	48.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	286	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	MB
208-96-8	Acenaphthylene	BRL		µg/kg dry	286	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	286	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	286	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	286	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	286	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	286	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	286	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	286	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	286	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	286	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	286	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	286	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	24,600		µg/kg dry	286	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	286	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	286	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	286	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	286	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	286	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	286	2	"	"	"	"	"
218-01-9	Chrysene	398		µg/kg dry	286	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	286	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	286	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	286	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-3	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
84-66-2	Diethyl phthalate	BRL		µg/kg dry	286	2	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	286	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	286	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	681		µg/kg dry	286	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	286	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	286	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	286	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	286	2	"	"	"	"	"
206-44-0	Fluoranthene	791		µg/kg dry	286	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	286	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	286	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	286	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	286	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	286	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	286	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	286	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	286	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	286	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	286	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1140	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1140	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	286	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	286	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	286	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	286	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	286	2	"	"	"	"	"
129-00-0	Pyrene	745		µg/kg dry	286	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	286	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	286	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	286	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*70.1*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0449	1	SW846 7471A	15-Dec-06	18-Dec-06	6121067	YP
Total Metals by EPA 200 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FD-3	171-305	Sludge	11-Dec-06 00:00	12-Dec-06
SA55456-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.32	1	EPA 200.7	15-Dec-06	15-Dec-06	6121065	RM
7440-38-2	Arsenic	2.54		mg/kg dry	1.98	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/kg dry	0.265	1	"	"	"	"	"
7440-43-9	Cadmium	4.01		mg/kg dry	0.331	1	"	"	"	"	"
7440-47-3	Chromium	184		mg/kg dry	0.661	1	"	"	"	"	"
7440-50-8	Copper	597		mg/kg dry	0.661	1	"	"	"	"	"
7440-02-0	Nickel	105		mg/kg dry	0.661	1	"	"	"	"	"
7439-92-1	Lead	136		mg/kg dry	0.992	1	"	"	"	"	"
7440-36-0	Antimony	85.4		mg/kg dry	1.98	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.98	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/kg dry	1.98	1	"	"	"	"	"
7440-66-6	Zinc	887		mg/kg dry	0.661	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	14-Dec-06	14-Dec-06	6121139	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	15-Dec-06	15-Dec-06	6121180	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	"
7440-43-9	Cadmium	0.0202		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0136		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.175		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1311/7470A	"	18-Dec-06	6121181	YP
7440-02-0	Nickel	0.109		mg/l	0.0050	1	SW846 1311/6010B	"	15-Dec-06	6121180	JLC
7439-92-1	Lead	0.0942		mg/l	0.0075	1	"	"	"	"	"
7440-36-0	Antimony	0.0502		mg/l	0.0060	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/l	0.0100	1	"	"	18-Dec-06	"	RM
7440-66-6	Zinc	4.69		mg/l	0.0050	1	"	"	15-Dec-06	"	JLC
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	14-Dec-06	14-Dec-06	6121111	YM
	pH	6.23		pH Units		1	SW846 9045C	12-Dec-06 20:30	12-Dec-06	6120879	BD
General Chemistry Parameters											
	% Solids	66.0		%		1	SM2540 G Mod.	14-Dec-06	14-Dec-06	6121053	BD
Subcontracted Analyses											
	Total Organic Halides	BRL		mg/kg	50.00		SW846 9023		15-Dec-06	'[none]'	PH052

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
OD-GRAB SA55456-12	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
OD-GRAB SA55456-12	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	16-Dec-06	6121226	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121007	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.276	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
OD-GRAB	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06
SA55456-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11104-28-2	PCB 1221	BRL		µg/l	0.276	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM
11141-16-5	PCB 1232	BRL		µg/l	0.276	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.276	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.276	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.276	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.276	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.276	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.276	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	12.1	1	SW846 8270C	14-Dec-06	16-Dec-06	6121008	M.B
208-96-8	Acenaphthylene	BRL		µg/l	12.1	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	12.1	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	12.1	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	12.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	12.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.1	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	12.1	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	12.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	12.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	12.1	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	12.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	12.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	12.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
OD-GRAB	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06
SA55456-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
131-11-3	Dimethyl phthalate	BRL		µg/l	12.1	1	SW846 8270C	14-Dec-06	16-Dec-06	6121008	M.B
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	12.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	12.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	12.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	12.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	12.1	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	24.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	12.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	48.5	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/l	12.1	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	48.5	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.1	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	48.5	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	12.1	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	12.1	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	12.1	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	12.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.1	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.1	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*54.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*56.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46.7*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
OD-GRAB SA55456-12	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	14-Dec-06	15-Dec-06	6121008	M.B
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	0.073		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74.5*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*44.7*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-66-6	Zinc	0.204		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP
General Chemistry Parameters											
	Flashpoint	> 200		°F		1	SW846 1010	15-Dec-06	15-Dec-06	6121250	YM
	pH	6.72		pH Units		1	EPA 150.1	12-Dec-06 19:36	12-Dec-06	6120875	BD
Subcontracted Analyses											
	Total Organic Halides	10.6		ug/l	5.00		SW846 9020B		22-Dec-06	'[none]'	PH052

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FORMER OWS SA55456-13	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	2.0		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FORMER OWS SA55456-13	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	1.7		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94.8*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
TPH 8100 by GC											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+SW846 8100Mod.	14-Dec-06	14-Dec-06	6121007	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
8032-32-4	Ligroin	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	1.6		mg/l	0.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1.6		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*113*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.333	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FORMER OWS SA55456-13	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11104-28-2	PCB 1221	BRL		µg/l	0.333	1	SW846 8082	13-Dec-06	15-Dec-06	6120881	SM
11141-16-5	PCB 1232	BRL		µg/l	0.333	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.333	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.333	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.333	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.333	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.333	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.333	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.0*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	12.2	1	SW846 8270C	14-Dec-06	17-Dec-06	6121008	M.B
208-96-8	Acenaphthylene	BRL		µg/l	12.2	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	12.2	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	12.2	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	12.2	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	12.2	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	12.2	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	12.2	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	12.2	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	12.2	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	12.2	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	12.2	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	12.2	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	12.2	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	12.2	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	12.2	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	12.2	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	12.2	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	12.2	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	12.2	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	12.2	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	12.2	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	12.2	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	12.2	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	12.2	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	12.2	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	12.2	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	12.2	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	12.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	12.2	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	12.2	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	12.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FORMER OWS SA55456-13	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
131-11-3	Dimethyl phthalate	BRL		µg/l	12.2	1	SW846 8270C	14-Dec-06	17-Dec-06	6121008	M.B
105-67-9	2,4-Dimethylphenol	BRL		µg/l	12.2	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	12.2	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	12.2	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	12.2	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	12.2	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	12.2	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	12.2	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	12.2	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	12.2	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.2	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	12.2	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	12.2	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	12.2	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	12.2	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	12.2	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	12.2	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	24.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	12.2	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	12.2	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	12.2	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	48.8	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/l	12.2	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	48.8	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	12.2	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	12.2	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	12.2	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	48.8	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	12.2	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	12.2	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	12.2	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	12.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	12.2	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	12.2	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	12.2	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	12.2	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*52.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*52.0*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	15-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FORMER OWS SA55456-13	171-305	Waste Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
90-12-0	1-Methylnaphthalene	0.488		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	14-Dec-06	15-Dec-06	6121008	M.B
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	0.171		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	0.220		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.171		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*79.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*49.1*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	15-Dec-06	15-Dec-06	6120966	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0104		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-66-6	Zinc	0.117		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	15-Dec-06	18-Dec-06	6120968	YP
General Chemistry Parameters											
	Flashpoint	> 200		°F		1	SW846 1010	15-Dec-06	15-Dec-06	6121250	YM
	pH	6.92		pH Units		1	EPA 150.1	12-Dec-06 19:36	12-Dec-06	6120875	BD
Subcontracted Analyses											
	Total Organic Halides	14.2		ug/l	5.00		SW846 9020B		22-Dec-06	'[none]'	PH052

APPENDIX G
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55203-18	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55203-18	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.7*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	11-Dec-06	11-Dec-06	6120663	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55203-18	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55203-18	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	11.1	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*74.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*74.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*69.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	08-Dec-06	12-Dec-06	6120505	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	12-Dec-06	6120508	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55203-19	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55203-19	171-305	Blank Water	06-Dec-06 00:00	07-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	12-Dec-06	13-Dec-06	6120861	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120790 - SW846 5035A Soil (low level)										
Blank (6120790-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120790 - SW846 5035A Soil (low level)										
Blank (6120790-BLK1)										
Prepared & Analyzed: 12-Dec-06										
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*46.8*		µg/kg wet		*50.0*		*93.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.6*		µg/kg wet		*50.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (6120790-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/kg wet		20.0		93.0	70-130		
Acetone	3.5		µg/kg wet		20.0		17.5	3.31-159		
Acrylonitrile	15.7		µg/kg wet		20.0		78.5	70-130		
Benzene	18.6		µg/kg wet		20.0		93.0	70-130		
Bromobenzene	21.4		µg/kg wet		20.0		107	70-130		
Bromochloromethane	19.5		µg/kg wet		20.0		97.5	70-130		
Bromodichloromethane	17.8		µg/kg wet		20.0		89.0	70-130		
Bromoform	19.8		µg/kg wet		20.0		99.0	70-130		
Bromomethane	17.5		µg/kg wet		20.0		87.5	50-140		
2-Butanone (MEK)	10.9		µg/kg wet		20.0		54.5	47.7-127		
n-Butylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Carbon disulfide	17.1		µg/kg wet		20.0		85.5	70-130		
Carbon tetrachloride	17.4		µg/kg wet		20.0		87.0	70-130		
Chlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
Chloroethane	18.6		µg/kg wet		20.0		93.0	55.9-135		
Chloroform	16.9		µg/kg wet		20.0		84.5	70-130		
Chloromethane	14.6		µg/kg wet		20.0		73.0	70-130		
2-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
4-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	17.5		µg/kg wet		20.0		87.5	70-130		
Dibromochloromethane	18.1		µg/kg wet		20.0		90.5	72-125		
1,2-Dibromoethane (EDB)	17.9		µg/kg wet		20.0		89.5	70-130		
Dibromomethane	17.0		µg/kg wet		20.0		85.0	70-130		
1,2-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120790 - SW846 5035A Soil (low level)										
LCS (6120790-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,3-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	21.6		µg/kg wet		20.0		108	42.3-190		
1,1-Dichloroethane	17.5		µg/kg wet		20.0		87.5	70-130		
1,2-Dichloroethane	15.8		µg/kg wet		20.0		79.0	70-130		
1,1-Dichloroethene	17.1		µg/kg wet		20.0		85.5	70-130		
cis-1,2-Dichloroethene	18.1		µg/kg wet		20.0		90.5	70-130		
trans-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130		
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96.0	70-130		
1,3-Dichloropropane	19.1		µg/kg wet		20.0		95.5	70-130		
2,2-Dichloropropane	16.0		µg/kg wet		20.0		80.0	70-130		
1,1-Dichloropropene	18.8		µg/kg wet		20.0		94.0	70-130		
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130		
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90.0	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93.0	70-137		
2-Hexanone (MBK)	12.6	QC2	µg/kg wet		20.0		63.0	70-130		
Isopropylbenzene	21.0		µg/kg wet		20.0		105	70-130		
4-Isopropyltoluene	20.7		µg/kg wet		20.0		104	70-130		
Methyl tert-butyl ether	17.0		µg/kg wet		20.0		85.0	70-130		
4-Methyl-2-pentanone (MIBK)	19.4		µg/kg wet		20.0		97.0	48.5-127		
Methylene chloride	18.5		µg/kg wet		20.0		92.5	70-130		
Naphthalene	18.7		µg/kg wet		20.0		93.5	70-130		
n-Propylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Styrene	21.8		µg/kg wet		20.0		109	70-130		
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	18.6		µg/kg wet		20.0		93.0	70-130		
Toluene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2,4-Trichlorobenzene	18.5		µg/kg wet		20.0		92.5	70-130		
1,1,1-Trichloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,1,2-Trichloroethane	18.4		µg/kg wet		20.0		92.0	70-130		
Trichloroethene	17.7		µg/kg wet		20.0		88.5	70-130		
Trichlorofluoromethane (Freon 11)	16.9		µg/kg wet		20.0		84.5	66.5-144		
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Vinyl chloride	20.4		µg/kg wet		20.0		102	70-130		
m,p-Xylene	43.6		µg/kg wet		40.0		109	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	15.4		µg/kg wet		20.0		77.0	70-130		
Ethyl ether	18.1		µg/kg wet		20.0		90.5	64.9-123		
Tert-amyl methyl ether	15.1		µg/kg wet		20.0		75.5	70-130		
Ethyl tert-butyl ether	17.5		µg/kg wet		20.0		87.5	70-130		
Di-isopropyl ether	14.5		µg/kg wet		20.0		72.5	70-130		
Tert-Butanol / butyl alcohol	146		µg/kg wet		200		73.0	70-130		
1,4-Dioxane	213		µg/kg wet		200		106	40-134		
Surrogate: 4-Bromofluorobenzene	*53.9*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/kg wet		*50.0*		*98.6*	*70-130*		
LCS Dup (6120790-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120790 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.1		µg/kg wet		20.0		95.5	70-130	2.65	25
Acetone	4.9		µg/kg wet		20.0		24.5	3.31-159	33.3	50
Acrylonitrile	16.9		µg/kg wet		20.0		84.5	70-130	7.36	25
Benzene	18.4		µg/kg wet		20.0		92.0	70-130	1.08	25
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130	6.76	25
Bromochloromethane	19.8		µg/kg wet		20.0		99.0	70-130	1.53	25
Bromodichloromethane	17.6		µg/kg wet		20.0		88.0	70-130	1.13	25
Bromoform	20.6		µg/kg wet		20.0		103	70-130	3.96	25
Bromomethane	17.6		µg/kg wet		20.0		88.0	50-140	0.570	50
2-Butanone (MEK)	11.7		µg/kg wet		20.0		58.5	47.7-127	7.08	50
n-Butylbenzene	18.8		µg/kg wet		20.0		94.0	70-130	4.17	25
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
tert-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	1.80	25
Carbon disulfide	17.2		µg/kg wet		20.0		86.0	70-130	0.583	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88.0	70-130	1.14	25
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130	3.77	25
Chloroethane	18.3		µg/kg wet		20.0		91.5	55.9-135	1.63	50
Chloroform	16.7		µg/kg wet		20.0		83.5	70-130	1.19	25
Chloromethane	14.5		µg/kg wet		20.0		72.5	70-130	0.687	25
2-Chlorotoluene	22.5		µg/kg wet		20.0		112	70-130	0.897	25
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	2.79	25
1,2-Dibromo-3-chloropropane	18.6		µg/kg wet		20.0		93.0	70-130	6.09	25
Dibromochloromethane	18.4		µg/kg wet		20.0		92.0	72-125	1.64	50
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99.0	70-130	10.1	25
Dibromomethane	18.4		µg/kg wet		20.0		92.0	70-130	7.91	25
1,2-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	5.71	25
1,3-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	1.80	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	2.90	25
Dichlorodifluoromethane (Freon12)	20.6		µg/kg wet		20.0		103	42.3-190	4.74	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86.0	70-130	1.73	25
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	1.88	25
1,1-Dichloroethene	17.2		µg/kg wet		20.0		86.0	70-130	0.583	25
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93.0	70-130	2.72	25
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	3.71	25
1,2-Dichloropropane	18.3		µg/kg wet		20.0		91.5	70-130	4.80	25
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130	3.60	25
2,2-Dichloropropane	16.2		µg/kg wet		20.0		81.0	70-130	1.24	25
1,1-Dichloropropene	17.7		µg/kg wet		20.0		88.5	70-130	6.03	25
cis-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94.5	70-130	0.528	25
trans-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90.5	70-130	0.554	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
Hexachlorobutadiene	18.9		µg/kg wet		20.0		94.5	70-137	1.60	50
2-Hexanone (MBK)	13.8	QC2	µg/kg wet		20.0		69.0	70-130	9.09	25
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130	2.90	25
4-Isopropyltoluene	19.8		µg/kg wet		20.0		99.0	70-130	4.93	25
Methyl tert-butyl ether	18.8		µg/kg wet		20.0		94.0	70-130	10.1	25
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96.0	48.5-127	1.04	50
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130	10.8	25
Naphthalene	23.6		µg/kg wet		20.0		118	70-130	23.2	25
n-Propylbenzene	21.7		µg/kg wet		20.0		108	70-130	3.64	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	2.71	25
1,1,1,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130	0.985	25
1,1,2,2-Tetrachloroethane	22.5		µg/kg wet		20.0		112	70-130	2.71	25
Tetrachloroethene	17.8		µg/kg wet		20.0		89.0	70-130	4.40	25
Toluene	17.8		µg/kg wet		20.0		89.0	70-130	4.93	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120790 - SW846 5035A Soil (low level)										
LCS Dup (6120790-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	12.5	25
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	13.6	25
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		85.5	70-130	0.583	25
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97.0	70-130	5.29	25
Trichloroethene	18.2		µg/kg wet		20.0		91.0	70-130	2.79	25
Trichlorofluoromethane (Freon 11)	17.3		µg/kg wet		20.0		86.5	66.5-144	2.34	50
1,2,3-Trichloropropane	23.6		µg/kg wet		20.0		118	70-130	6.11	25
1,2,4-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130	1.87	25
1,3,5-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130	0.00	25
Vinyl chloride	19.7		µg/kg wet		20.0		98.5	70-130	3.49	25
m,p-Xylene	42.0		µg/kg wet		40.0		105	70-130	3.74	25
o-Xylene	22.6		µg/kg wet		20.0		113	70-130	3.60	25
Tetrahydrofuran	16.0		µg/kg wet		20.0		80.0	70-130	3.82	25
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123	3.79	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97.0	70-130	24.9	25
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90.0	70-130	2.82	25
Di-isopropyl ether	14.6		µg/kg wet		20.0		73.0	70-130	0.687	25
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79.0	70-130	7.89	25
1,4-Dioxane	156	QR2	µg/kg wet		200		78.0	40-134	30.4	25
Surrogate: 4-Bromofluorobenzene	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/kg wet		*50.0*		*94.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/kg wet		*50.0*		*97.4*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg wet		*50.0*		*95.8*	*70-130*		
Batch 6120861 - SW846 5030 Water MS										
Blank (6120861-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120861 - SW846 5030 Water MS										
Blank (6120861-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/l		*30.0*		*98.7*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/l		*30.0*		*97.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.1*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/l		*30.0*		*100*	*70-130*		
LCS (6120861-BS1)										
Prepared & Analyzed: 12-Dec-06										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120861 - SW846 5030 Water MS										
LCS (6120861-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/l		20.0		99.0	70-130		
Acetone	17.2		µg/l		20.0		86.0	29.5-156		
Acrylonitrile	19.2		µg/l		20.0		96.0	70-130		
Benzene	18.7		µg/l		20.0		93.5	70-130		
Bromobenzene	21.0		µg/l		20.0		105	70-130		
Bromochloromethane	19.2		µg/l		20.0		96.0	70-130		
Bromodichloromethane	20.3		µg/l		20.0		102	70-130		
Bromoform	22.5		µg/l		20.0		112	70-130		
Bromomethane	16.9		µg/l		20.0		84.5	57.7-151		
2-Butanone (MEK)	18.4		µg/l		20.0		92.0	48.9-134		
n-Butylbenzene	20.5		µg/l		20.0		102	70-130		
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130		
tert-Butylbenzene	21.7		µg/l		20.0		108	70-130		
Carbon disulfide	18.6		µg/l		20.0		93.0	70-130		
Carbon tetrachloride	19.1		µg/l		20.0		95.5	70-130		
Chlorobenzene	20.7		µg/l		20.0		104	70-130		
Chloroethane	17.7		µg/l		20.0		88.5	56.9-145		
Chloroform	18.9		µg/l		20.0		94.5	70-130		
Chloromethane	16.9		µg/l		20.0		84.5	70-130		
2-Chlorotoluene	20.7		µg/l		20.0		104	70-130		
4-Chlorotoluene	21.4		µg/l		20.0		107	70-130		
1,2-Dibromo-3-chloropropane	20.1		µg/l		20.0		100	70-130		
Dibromochloromethane	21.0		µg/l		20.0		105	61.5-142		
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99.0	70-130		
Dibromomethane	19.4		µg/l		20.0		97.0	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	21.5		µg/l		20.0		108	70-130		
1,4-Dichlorobenzene	19.0		µg/l		20.0		95.0	70-130		
Dichlorodifluoromethane (Freon12)	16.4		µg/l		20.0		82.0	36.6-187		
1,1-Dichloroethane	18.4		µg/l		20.0		92.0	70-130		
1,2-Dichloroethane	19.4		µg/l		20.0		97.0	70-130		
1,1-Dichloroethene	18.2		µg/l		20.0		91.0	70-130		
cis-1,2-Dichloroethene	19.2		µg/l		20.0		96.0	70-130		
trans-1,2-Dichloroethene	18.6		µg/l		20.0		93.0	70-130		
1,2-Dichloropropane	19.4		µg/l		20.0		97.0	70-130		
1,3-Dichloropropane	19.6		µg/l		20.0		98.0	70-130		
2,2-Dichloropropane	21.6		µg/l		20.0		108	70-130		
1,1-Dichloropropene	18.7		µg/l		20.0		93.5	70-130		
cis-1,3-Dichloropropene	20.8		µg/l		20.0		104	70-130		
trans-1,3-Dichloropropene	19.7		µg/l		20.0		98.5	70-130		
Ethylbenzene	21.0		µg/l		20.0		105	70-130		
Hexachlorobutadiene	19.4		µg/l		20.0		97.0	68.7-142		
2-Hexanone (MBK)	18.7		µg/l		20.0		93.5	56.3-131		
Isopropylbenzene	20.3		µg/l		20.0		102	70-130		
4-Isopropyltoluene	20.3		µg/l		20.0		102	70-130		
Methyl tert-butyl ether	19.3		µg/l		20.0		96.5	70-130		
4-Methyl-2-pentanone (MIBK)	18.2		µg/l		20.0		91.0	55.2-129		
Methylene chloride	17.5		µg/l		20.0		87.5	70-130		
Naphthalene	21.1		µg/l		20.0		106	70-130		
n-Propylbenzene	20.9		µg/l		20.0		104	70-130		
Styrene	22.6		µg/l		20.0		113	70-130		
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	21.7		µg/l		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120861 - SW846 5030 Water MS										
LCS (6120861-BS1)										
Prepared & Analyzed: 12-Dec-06										
Tetrachloroethene	18.6		µg/l		20.0		93.0	70-130		
Toluene	18.9		µg/l		20.0		94.5	70-130		
1,2,3-Trichlorobenzene	20.7		µg/l		20.0		104	70-130		
1,2,4-Trichlorobenzene	19.7		µg/l		20.0		98.5	70-130		
1,1,1-Trichloroethane	19.4		µg/l		20.0		97.0	70-130		
1,1,2-Trichloroethane	19.9		µg/l		20.0		99.5	70-130		
Trichloroethene	18.2		µg/l		20.0		91.0	70-130		
Trichlorofluoromethane (Freon 11)	18.6		µg/l		20.0		93.0	68-148		
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130		
1,2,4-Trimethylbenzene	21.8		µg/l		20.0		109	70-130		
1,3,5-Trimethylbenzene	21.6		µg/l		20.0		108	70-130		
Vinyl chloride	21.8		µg/l		20.0		109	70-130		
m,p-Xylene	42.0		µg/l		40.0		105	70-130		
o-Xylene	21.7		µg/l		20.0		108	70-130		
Tetrahydrofuran	19.3		µg/l		20.0		96.5	70-130		
Ethyl ether	18.0		µg/l		20.0		90.0	57.6-132		
Tert-amyl methyl ether	17.7		µg/l		20.0		88.5	70-130		
Ethyl tert-butyl ether	20.0		µg/l		20.0		100	70-130		
Di-isopropyl ether	17.7		µg/l		20.0		88.5	70-130		
Tert-Butanol / butyl alcohol	191		µg/l		200		95.5	70-130		
1,4-Dioxane	185		µg/l		200		92.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/l		*30.0*		*99.3*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/l		*30.0*		*98.3*	*70-130*		
LCS Dup (6120861-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/l		20.0		96.5	70-130	2.56	25
Acetone	18.4		µg/l		20.0		92.0	29.5-156	6.74	50
Acrylonitrile	19.6		µg/l		20.0		98.0	70-130	2.06	25
Benzene	19.4		µg/l		20.0		97.0	70-130	3.67	25
Bromobenzene	20.3		µg/l		20.0		102	70-130	2.90	25
Bromochloromethane	18.7		µg/l		20.0		93.5	70-130	2.64	25
Bromodichloromethane	19.9		µg/l		20.0		99.5	70-130	2.48	25
Bromoform	22.1		µg/l		20.0		110	70-130	1.80	25
Bromomethane	15.9		µg/l		20.0		79.5	57.7-151	6.10	50
2-Butanone (MEK)	17.8		µg/l		20.0		89.0	48.9-134	3.31	50
n-Butylbenzene	19.3		µg/l		20.0		96.5	70-130	5.54	25
sec-Butylbenzene	20.3		µg/l		20.0		102	70-130	5.71	25
tert-Butylbenzene	20.5		µg/l		20.0		102	70-130	5.71	25
Carbon disulfide	17.9		µg/l		20.0		89.5	70-130	3.84	25
Carbon tetrachloride	18.0		µg/l		20.0		90.0	70-130	5.93	25
Chlorobenzene	19.8		µg/l		20.0		99.0	70-130	4.93	25
Chloroethane	17.6		µg/l		20.0		88.0	56.9-145	0.567	50
Chloroform	18.4		µg/l		20.0		92.0	70-130	2.68	25
Chloromethane	16.4		µg/l		20.0		82.0	70-130	3.00	25
2-Chlorotoluene	19.5		µg/l		20.0		97.5	70-130	6.45	25
4-Chlorotoluene	20.3		µg/l		20.0		102	70-130	4.78	25
1,2-Dibromo-3-chloropropane	20.5		µg/l		20.0		102	70-130	1.98	25
Dibromochloromethane	21.0		µg/l		20.0		105	61.5-142	0.00	50
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98.0	70-130	1.02	25
Dibromomethane	19.2		µg/l		20.0		96.0	70-130	1.04	25
1,2-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130	2.02	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120861 - SW846 5030 Water MS										
LCS Dup (6120861-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	3.77	25
1,4-Dichlorobenzene	18.7		µg/l		20.0		93.5	70-130	1.59	25
Dichlorodifluoromethane (Freon12)	15.9		µg/l		20.0		79.5	36.6-187	3.10	50
1,1-Dichloroethane	18.3		µg/l		20.0		91.5	70-130	0.545	25
1,2-Dichloroethane	18.9		µg/l		20.0		94.5	70-130	2.61	25
1,1-Dichloroethene	18.0		µg/l		20.0		90.0	70-130	1.10	25
cis-1,2-Dichloroethene	18.7		µg/l		20.0		93.5	70-130	2.64	25
trans-1,2-Dichloroethene	18.0		µg/l		20.0		90.0	70-130	3.28	25
1,2-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	2.08	25
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	3.11	25
2,2-Dichloropropane	21.1		µg/l		20.0		106	70-130	1.87	25
1,1-Dichloropropene	17.9		µg/l		20.0		89.5	70-130	4.37	25
cis-1,3-Dichloropropene	20.5		µg/l		20.0		102	70-130	1.94	25
trans-1,3-Dichloropropene	19.9		µg/l		20.0		99.5	70-130	1.01	25
Ethylbenzene	19.8		µg/l		20.0		99.0	70-130	5.88	25
Hexachlorobutadiene	17.9		µg/l		20.0		89.5	68.7-142	8.04	50
2-Hexanone (MBK)	20.5		µg/l		20.0		102	56.3-131	8.70	25
Isopropylbenzene	19.0		µg/l		20.0		95.0	70-130	7.11	25
4-Isopropyltoluene	19.5		µg/l		20.0		97.5	70-130	4.51	25
Methyl tert-butyl ether	19.0		µg/l		20.0		95.0	70-130	1.57	25
4-Methyl-2-pentanone (MIBK)	19.5		µg/l		20.0		97.5	55.2-129	6.90	50
Methylene chloride	17.6		µg/l		20.0		88.0	70-130	0.570	25
Naphthalene	20.7		µg/l		20.0		104	70-130	1.90	25
n-Propylbenzene	19.7		µg/l		20.0		98.5	70-130	5.43	25
Styrene	21.8		µg/l		20.0		109	70-130	3.60	25
1,1,1,2-Tetrachloroethane	21.0		µg/l		20.0		105	70-130	2.82	25
1,1,2,2-Tetrachloroethane	20.8		µg/l		20.0		104	70-130	3.77	25
Tetrachloroethene	17.7		µg/l		20.0		88.5	70-130	4.96	25
Toluene	18.2		µg/l		20.0		91.0	70-130	3.77	25
1,2,3-Trichlorobenzene	19.8		µg/l		20.0		99.0	70-130	4.93	25
1,2,4-Trichlorobenzene	19.0		µg/l		20.0		95.0	70-130	3.62	25
1,1,1-Trichloroethane	18.6		µg/l		20.0		93.0	70-130	4.21	25
1,1,2-Trichloroethane	19.9		µg/l		20.0		99.5	70-130	0.00	25
Trichloroethene	17.7		µg/l		20.0		88.5	70-130	2.79	25
Trichlorofluoromethane (Freon 11)	18.1		µg/l		20.0		90.5	68-148	2.72	50
1,2,3-Trichloropropane	22.2		µg/l		20.0		111	70-130	1.79	25
1,2,4-Trimethylbenzene	21.0		µg/l		20.0		105	70-130	3.74	25
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130	4.74	25
Vinyl chloride	20.7		µg/l		20.0		104	70-130	4.69	25
m,p-Xylene	40.2		µg/l		40.0		100	70-130	4.88	25
o-Xylene	20.8		µg/l		20.0		104	70-130	3.77	25
Tetrahydrofuran	19.2		µg/l		20.0		96.0	70-130	0.519	25
Ethyl ether	18.5		µg/l		20.0		92.5	57.6-132	2.74	50
Tert-amyl methyl ether	17.4		µg/l		20.0		87.0	70-130	1.71	25
Ethyl tert-butyl ether	20.1		µg/l		20.0		100	70-130	0.00	25
Di-isopropyl ether	17.9		µg/l		20.0		89.5	70-130	1.12	25
Tert-Butanol / butyl alcohol	192		µg/l		200		96.0	70-130	0.522	25
1,4-Dioxane	184		µg/l		200		92.0	45.2-132	0.542	25
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.7*		µg/l		*30.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Matrix Spike (6120861-MS1)	**Source: SA55203-17**									

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120861 - SW846 5030 Water MS										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Benzene	22.2		µg/l		20.0	BRL	111	70-130		
Chlorobenzene	23.6		µg/l		20.0	BRL	118	70-130		
1,1-Dichloroethene	22.5		µg/l		20.0	BRL	112	70-130		
Toluene	22.4		µg/l		20.0	BRL	112	70-130		
Trichloroethene	21.4		µg/l		20.0	BRL	107	70-130		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Matrix Spike Dup (6120861-MSD1) **Source: SA55203-17**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Benzene	24.0		µg/l		20.0	BRL	120	70-130	7.79	30
Chlorobenzene	22.6		µg/l		20.0	BRL	113	70-130	4.33	30
1,1-Dichloroethene	24.0		µg/l		20.0	BRL	120	70-130	6.90	30
Toluene	22.6		µg/l		20.0	BRL	113	70-130	0.889	30
Trichloroethene	21.4		µg/l		20.0	BRL	107	70-130	0.00	30
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.7*		µg/l		*30.0*		*95.7*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/l		*30.0*		*100*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120531 - SW846 3510C										
Blank (6120531-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0529*		mg/l		*0.0500*		*106*	*40-140*		
LCS (6120531-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0511*		mg/l		*0.0500*		*102*	*60-120*		
Batch 6120539 - SW846 3550B										
Blank (6120539-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*4.19*		mg/kg wet		*3.33*		*126*	*40-140*		
LCS (6120539-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	83.9		mg/kg wet	13.3	93.3		89.9	60-120		
Surrogate: 1-Chlorooctadecane	*3.01*		mg/kg wet		*3.33*		*90.4*	*60-120*		
Duplicate (6120539-DUP1) **Source: SA55203-01**										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Gasoline	BRL		mg/kg dry	17.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	17.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	17.1		BRL				50
Fuel Oil #6	BRL		mg/kg dry	17.1		BRL				50
Motor Oil	BRL		mg/kg dry	17.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	17.1		BRL				50
Unidentified	BRL		mg/kg dry	17.1		BRL				50
Other Oil	BRL		mg/kg dry	17.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.1		BRL				50
Surrogate: 1-Chlorooctadecane	*1.75*		mg/kg dry		*2.14*		*81.8*	*40-140*		
Matrix Spike (6120539-MS1) **Source: SA55203-01**										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	90.6		mg/kg dry	16.8	118	BRL	76.8	50-150		
Surrogate: 1-Chlorooctadecane	*3.26*		mg/kg dry		*4.20*		*77.6*	*40-140*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120539 - SW846 3550B										
Matrix Spike Dup (6120539-MSD1) **Source: SA55203-01**										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	94.1		mg/kg dry	16.7	117	BRL	80.4	50-150	4.58	30
Surrogate: 1-Chlorooctadecane	*3.22*		mg/kg dry		*4.19*		*76.8*	*40-140*		
Batch 6120663 - SW846 3510C										
Blank (6120663-BLK1)										
Prepared & Analyzed: 11-Dec-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0416*		mg/l		*0.0500*		*83.2*	*40-140*		
LCS (6120663-BS1)										
Prepared & Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.5		mg/l	0.05	1.40		107	60-120		
Surrogate: 1-Chlorooctadecane	*0.0536*		mg/l		*0.0500*		*107*	*60-120*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120536 - SW846 3545A										
Blank (6120536-BLK1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
LCS (6120536-BS1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	366		µg/kg wet	28.6	357		103	40-140		
PCB 1260	406		µg/kg wet	28.6	357		114	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
LCS Dup (6120536-BSD1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	364		µg/kg wet	28.6	357		102	40-140	0.976	30
PCB 1260	413		µg/kg wet	28.6	357		116	40-140	1.74	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
Duplicate (6120536-DUP1) **Source: SA55221-10**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	BRL		µg/kg dry	32.5		BRL				40
PCB 1221	BRL		µg/kg dry	32.5		BRL				40
PCB 1232	BRL		µg/kg dry	32.5		BRL				40
PCB 1242	BRL		µg/kg dry	32.5		BRL				40
PCB 1248	BRL		µg/kg dry	32.5		BRL				40
PCB 1254	BRL		µg/kg dry	32.5		BRL				40
PCB 1260	53.6		µg/kg dry	32.5		47.3			12.5	40
PCB 1262	BRL		µg/kg dry	32.5		BRL				40
PCB 1268	BRL		µg/kg dry	32.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.8*		µg/kg dry		*32.5*		*70.2*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*34.1*		µg/kg dry		*32.5*		*105*	*30-150*		
Matrix Spike (6120536-MS1) **Source: SA55221-10**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	465		µg/kg dry	32.8	409	BRL	114	40-140		
PCB 1260	528		µg/kg dry	32.8	409	47.3	118	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.5*		µg/kg dry		*32.7*		*74.9*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*31.1*		µg/kg dry		*32.7*		*95.1*	*30-150*		
Matrix Spike Dup (6120536-MSD1) **Source: SA55221-10**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
PCB 1016	406		µg/kg dry	32.6	408	BRL	99.5	40-140	13.6	50
PCB 1260	512		µg/kg dry	32.6	408	47.3	114	40-140	3.45	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.8*		µg/kg dry		*32.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*31.0*		µg/kg dry		*32.6*		*95.1*	*30-150*		
Batch 6120542 - SW846 3550B										
Blank (6120542-BLK1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120542 - SW846 3550B										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	BRL		µg/kg wet	1.43						
a-BHC	BRL		µg/kg wet	1.43						
b-BHC	BRL		µg/kg wet	1.43						
d-BHC	BRL		µg/kg wet	1.43						
g-BHC (Lindane)	BRL		µg/kg wet	1.43						
Chlordane	BRL		µg/kg wet	7.15						
4,4-DDD (p,p')	BRL		µg/kg wet	1.43						
4,4-DDE (p,p')	BRL		µg/kg wet	1.43						
4,4-DDT (p,p')	BRL		µg/kg wet	1.43						
Dieldrin	BRL		µg/kg wet	1.43						
Endosulfan I	BRL		µg/kg wet	1.43						
Endosulfan II	BRL		µg/kg wet	1.43						
Endosulfan Sulfate	BRL		µg/kg wet	1.43						
Endrin	BRL		µg/kg wet	1.43						
Endrin Aldehyde	BRL		µg/kg wet	1.43						
Heptachlor	BRL		µg/kg wet	1.43						
Methoxychlor	BRL		µg/kg wet	1.43						
Heptachlor Epoxide	BRL		µg/kg wet	1.43						
Toxaphene	BRL		µg/kg wet	7.15						
a-Chlordane	BRL		µg/kg wet	1.43						
g-Chlordane	BRL		µg/kg wet	1.43						
Endrin Ketone	BRL		µg/kg wet	1.43						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*2.16*		µg/kg wet		*2.86*		*75.5*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*2.70*		µg/kg wet		*2.86*		*94.4*	*30-150*		
LCS (6120542-BS1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	2.24		µg/kg wet	1.43	2.86		78.3	40-140		
a-BHC	2.13		µg/kg wet	1.43	2.86		74.5	40-140		
b-BHC	2.30		µg/kg wet	1.43	2.86		80.4	40-140		
d-BHC	1.19		µg/kg wet	1.43	2.86		41.6	40-140		
g-BHC (Lindane)	2.28		µg/kg wet	1.43	2.86		79.7	40-140		
4,4-DDD (p,p')	2.22		µg/kg wet	1.43	2.86		77.6	40-140		
4,4-DDE (p,p')	2.18		µg/kg wet	1.43	2.86		76.2	40-140		
4,4-DDT (p,p')	2.10		µg/kg wet	1.43	2.86		73.4	40-140		
Dieldrin	2.20		µg/kg wet	1.43	2.86		76.9	40-140		
Endosulfan I	1.51		µg/kg wet	1.43	2.86		52.8	40-140		
Endosulfan II	1.61		µg/kg wet	1.43	2.86		56.3	40-140		
Endosulfan Sulfate	1.98		µg/kg wet	1.43	2.86		69.2	40-140		
Endrin	1.86		µg/kg wet	1.43	2.86		65.0	40-140		
Endrin Aldehyde	1.90		µg/kg wet	1.43	2.86		66.4	40-140		
Heptachlor	2.39		µg/kg wet	1.43	2.86		83.6	40-140		
Methoxychlor	2.19		µg/kg wet	1.43	2.86		76.6	40-140		
Heptachlor Epoxide	2.17		µg/kg wet	1.43	2.86		75.9	40-140		
a-Chlordane	2.21		µg/kg wet	1.43	2.86		77.3	40-140		
g-Chlordane	2.21		µg/kg wet	1.43	2.86		77.3	40-140		
Endrin Ketone	2.39		µg/kg wet	1.43	2.86		83.6	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*2.16*		µg/kg wet		*2.86*		*75.5*	*40-140*		
Surrogate: Decachlorobiphenyl(Sr)	*3.46*		µg/kg wet		*2.86*		*121*	*40-140*		
LCS Dup (6120542-BSD1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	2.26		µg/kg wet	1.43	2.86		79.0	40-140	0.890	30
a-BHC	2.21		µg/kg wet	1.43	2.86		77.3	40-140	3.69	30
b-BHC	2.60		µg/kg wet	1.43	2.86		90.9	40-140	12.3	30
d-BHC	1.22		µg/kg wet	1.43	2.86		42.7	40-140	2.61	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120542 - SW846 3550B										
LCS Dup (6120542-BSD1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
g-BHC (Lindane)	2.31		µg/kg wet	1.43	2.86		80.8	40-140	1.37	30
4,4-DDD (p,p')	2.09		µg/kg wet	1.43	2.86		73.1	40-140	5.97	30
4,4-DDE (p,p')	2.20		µg/kg wet	1.43	2.86		76.9	40-140	0.914	30
4,4-DDT (p,p')	2.57		µg/kg wet	1.43	2.86		89.9	40-140	20.2	30
Dieldrin	2.29		µg/kg wet	1.43	2.86		80.1	40-140	4.08	30
Endosulfan I	1.23		µg/kg wet	1.43	2.86		43.0	40-140	20.5	30
Endosulfan II	1.62		µg/kg wet	1.43	2.86		56.6	40-140	0.531	30
Endosulfan Sulfate	1.98		µg/kg wet	1.43	2.86		69.2	40-140	0.00	30
Endrin	1.96		µg/kg wet	1.43	2.86		68.5	40-140	5.24	30
Endrin Aldehyde	2.11		µg/kg wet	1.43	2.86		73.8	40-140	10.6	30
Heptachlor	2.64		µg/kg wet	1.43	2.86		92.3	40-140	9.89	30
Methoxychlor	2.18		µg/kg wet	1.43	2.86		76.2	40-140	0.524	30
Heptachlor Epoxide	2.46		µg/kg wet	1.43	2.86		86.0	40-140	12.5	30
a-Chlordane	2.30		µg/kg wet	1.43	2.86		80.4	40-140	3.93	30
g-Chlordane	2.14		µg/kg wet	1.43	2.86		74.8	40-140	3.29	30
Endrin Ketone	2.47		µg/kg wet	1.43	2.86		86.4	40-140	3.29	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*2.21*		µg/kg wet		*2.86*		*77.3*	*40-140*		
Surrogate: Decachlorobiphenyl(Sr)	*3.44*		µg/kg wet		*2.86*		*120*	*40-140*		
Duplicate (6120542-DUP1) **Source: SA55220-01**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	BRL		µg/kg dry	1.45		BRL				30
a-BHC	BRL		µg/kg dry	1.45		BRL				30
b-BHC	BRL		µg/kg dry	1.45		BRL				30
d-BHC	BRL		µg/kg dry	1.45		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	1.45		BRL				30
Chlordane	337		µg/kg dry	7.26		328			2.71	30
4,4-DDD (p,p')	14.1		µg/kg dry	1.45		15.2			7.51	30
4,4-DDE (p,p')	44.2		µg/kg dry	1.45		39.9			10.2	30
4,4-DDT (p,p')	55.9		µg/kg dry	14.5		65.2			15.4	30
Dieldrin	102		µg/kg dry	14.5		122			17.9	30
Endosulfan I	BRL		µg/kg dry	1.45		BRL				30
Endosulfan II	BRL		µg/kg dry	1.45		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	1.45		BRL				30
Endrin	BRL		µg/kg dry	1.45		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	1.45		BRL				30
Heptachlor	BRL		µg/kg dry	1.45		BRL				30
Methoxychlor	BRL		µg/kg dry	1.45		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	1.45		BRL				30
Toxaphene	BRL		µg/kg dry	7.26		BRL				30
a-Chlordane	42.4		µg/kg dry	1.45		44.9			5.73	30
g-Chlordane	27.5		µg/kg dry	1.45		31.0			12.0	30
Endrin Ketone	BRL		µg/kg dry	1.45		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.66*		µg/kg dry		*2.90*		*57.2*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*3.30*		µg/kg dry		*2.90*		*114*	*30-150*		
Matrix Spike (6120542-MS1) **Source: SA55220-01**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	1.68		µg/kg dry	1.44	2.88	BRL	58.3	30-150		
a-BHC	1.44		µg/kg dry	1.44	2.88	BRL	50.0	30-150		
b-BHC	1.50		µg/kg dry	1.44	2.88	BRL	52.1	30-150		
d-BHC	1.31		µg/kg dry	1.44	2.88	BRL	45.5	30-150		
g-BHC (Lindane)	1.65		µg/kg dry	1.44	2.88	BRL	57.3	30-150		
4,4-DDD (p,p')	16.1	QM2	µg/kg dry	1.44	2.88	15.2	31.3	30-150		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120542 - SW846 3550B										
Matrix Spike (6120542-MS1) **Source: SA55220-01**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
4,4-DDE (p,p')	34.7	QM2	µg/kg dry	1.44	2.88	39.9	NR	30-150		
4,4-DDT (p,p')	93.3	QM2	µg/kg dry	1.44	2.88	65.2	976	30-150		
Dieldrin	159	QM2	µg/kg dry	1.44	2.88	122	NR	30-150		
Endosulfan I	1.68		µg/kg dry	1.44	2.88	BRL	58.3	30-150		
Endosulfan II	1.78		µg/kg dry	1.44	2.88	BRL	61.8	30-150		
Endosulfan Sulfate	2.25		µg/kg dry	1.44	2.88	BRL	78.1	30-150		
Endrin	1.56		µg/kg dry	1.44	2.88	BRL	54.2	30-150		
Endrin Aldehyde	1.74		µg/kg dry	1.44	2.88	BRL	60.4	30-150		
Heptachlor	1.83		µg/kg dry	1.44	2.88	BRL	63.5	30-150		
Methoxychlor	2.22		µg/kg dry	1.44	2.88	BRL	77.1	30-150		
Heptachlor Epoxide	3.97		µg/kg dry	1.44	2.88	BRL	138	30-150		
a-Chlordane	38.6	QM2	µg/kg dry	1.44	2.88	44.9	NR	30-150		
g-Chlordane	25.3	QM2	µg/kg dry	1.44	2.88	31.0	NR	30-150		
Endrin Ketone	2.86		µg/kg dry	1.44	2.88	BRL	99.3	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.66*		µg/kg dry		*2.88*		*57.6*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*3.18*		µg/kg dry		*2.88*		*110*	*30-150*		
Matrix Spike Dup (6120542-MSD1) **Source: SA55220-01**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Aldrin	2.16		µg/kg dry	1.45	2.90	BRL	74.5	30-150	24.4	30
a-BHC	1.79		µg/kg dry	1.45	2.90	BRL	61.7	30-150	20.9	30
b-BHC	1.68		µg/kg dry	1.45	2.90	BRL	57.9	30-150	10.5	30
d-BHC	1.22		µg/kg dry	1.45	2.90	BRL	42.1	30-150	7.76	30
g-BHC (Lindane)	1.90		µg/kg dry	1.45	2.90	BRL	65.5	30-150	13.4	30
4,4-DDD (p,p')	17.8	QM2	µg/kg dry	1.45	2.90	15.2	89.7	30-150	96.5	30
4,4-DDE (p,p')	55.7	QM2	µg/kg dry	1.45	2.90	39.9	545	30-150	NR	30
4,4-DDT (p,p')	151	QM2	µg/kg dry	1.45	2.90	65.2	NR	30-150	101	30
Dieldrin	195	QM2	µg/kg dry	1.45	2.90	122	NR	30-150	65.3	30
Endosulfan I	1.86		µg/kg dry	1.45	2.90	BRL	64.1	30-150	9.48	30
Endosulfan II	1.93		µg/kg dry	1.45	2.90	BRL	66.6	30-150	7.48	30
Endosulfan Sulfate	2.54		µg/kg dry	1.45	2.90	BRL	87.6	30-150	11.5	30
Endrin	1.53		µg/kg dry	1.45	2.90	BRL	52.8	30-150	2.62	30
Endrin Aldehyde	1.66		µg/kg dry	1.45	2.90	BRL	57.2	30-150	5.44	30
Heptachlor	2.08		µg/kg dry	1.45	2.90	BRL	71.7	30-150	12.1	30
Methoxychlor	2.46		µg/kg dry	1.45	2.90	BRL	84.8	30-150	9.51	30
Heptachlor Epoxide	4.24		µg/kg dry	1.45	2.90	BRL	146	30-150	5.63	30
a-Chlordane	56.2	QM2	µg/kg dry	1.45	2.90	44.9	390	30-150	NR	50
g-Chlordane	40.0	QM2	µg/kg dry	1.45	2.90	31.0	310	30-150	NR	50
Endrin Ketone	3.19		µg/kg dry	1.45	2.90	BRL	110	30-150	10.2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.47*		µg/kg dry		*2.90*		*50.7*	*30-150*		
Surrogate: Decachlorobiphenyl(Sr)	*2.69*		µg/kg dry		*2.90*		*92.8*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120406 - SW846 3510C										
Blank (6120406-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	5.00						
Nitrobenzene	BRL		µg/l	5.00						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120406 - SW846 3510C										
Blank (6120406-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Surrogate: 2-Fluorobiphenyl	*55.5*		µg/l		*100*		*55.5*	*30-130*		
Surrogate: 2-Fluorophenol	*67.5*		µg/l		*100*		*67.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*61.7*		µg/l		*100*		*61.7*	*30-130*		
Surrogate: Phenol-d5	*60.7*		µg/l		*100*		*60.7*	*15-110*		
Surrogate: Terphenyl-dl4	*58.4*		µg/l		*100*		*58.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*62.3*		µg/l		*100*		*62.3*	*15-110*		
LCS (6120406-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	53.4		µg/l	5.00	100		53.4	40-130		
Acenaphthylene	53.6		µg/l	5.00	100		53.6	40-130		
Anthracene	54.0		µg/l	5.00	100		54.0	40-130		
Azobenzene/Diphenyldiazine	58.7		µg/l	5.00	100		58.7	40-130		
Benzidine	18.2	QC2	µg/l	5.00	100		18.2	40-130		
Benzo (a) anthracene	56.1		µg/l	5.00	100		56.1	40-130		
Benzo (a) pyrene	56.6		µg/l	5.00	100		56.6	40-130		
Benzo (b) fluoranthene	54.8		µg/l	5.00	100		54.8	40-130		
Benzo (g,h,i) perylene	66.6		µg/l	5.00	100		66.6	40-130		
Benzo (k) fluoranthene	50.6		µg/l	5.00	100		50.6	40-130		
Benzoic acid	0.690	QC2	µg/l	5.00	100		0.690	40-130		
Benzyl alcohol	57.4		µg/l	5.00	100		57.4	40-130		
Bis(2-chloroethoxy)methane	53.1		µg/l	5.00	100		53.1	40-130		
Bis(2-chloroethyl)ether	51.8		µg/l	5.00	100		51.8	40-130		
Bis(2-chloroisopropyl)ether	58.7		µg/l	5.00	100		58.7	40-130		
Bis(2-ethylhexyl)phthalate	57.1		µg/l	5.00	100		57.1	40-130		
4-Bromophenyl phenyl ether	54.4		µg/l	5.00	100		54.4	40-130		
Butyl benzyl phthalate	57.7		µg/l	5.00	100		57.7	40-130		
4-Chloroaniline	43.9		µg/l	5.00	100		43.9	40-130		
2-Chloronaphthalene	49.2		µg/l	5.00	100		49.2	40-130		
4-Chlorophenyl phenyl ether	52.9		µg/l	5.00	100		52.9	40-130		
Chrysene	55.9		µg/l	5.00	100		55.9	40-130		
Dibenzo (a,h) anthracene	63.2		µg/l	5.00	100		63.2	40-130		
Dibenzofuran	46.8		µg/l	5.00	100		46.8	40-130		
1,2-Dichlorobenzene	50.4		µg/l	5.00	100		50.4	40-130		
1,3-Dichlorobenzene	48.2		µg/l	5.00	100		48.2	40-130		
1,4-Dichlorobenzene	48.5		µg/l	5.00	100		48.5	40-130		
3,3'-Dichlorobenzidine	52.4		µg/l	5.00	100		52.4	40-130		
Diethyl phthalate	57.5		µg/l	5.00	100		57.5	40-130		
Dimethyl phthalate	52.0		µg/l	5.00	100		52.0	40-130		
Di-n-butyl phthalate	56.0		µg/l	5.00	100		56.0	40-130		
2,4-Dinitrotoluene	55.9		µg/l	5.00	100		55.9	40-130		
2,6-Dinitrotoluene	55.8		µg/l	5.00	100		55.8	40-130		
Di-n-octyl phthalate	53.2		µg/l	5.00	100		53.2	40-130		
Fluoranthene	55.0		µg/l	5.00	100		55.0	40-130		
Fluorene	51.7		µg/l	5.00	100		51.7	40-130		
Hexachlorobenzene	48.5		µg/l	5.00	100		48.5	40-130		
Hexachlorobutadiene	45.6		µg/l	5.00	100		45.6	40-130		
Hexachlorocyclopentadiene	52.7		µg/l	5.00	100		52.7	40-130		
Hexachloroethane	46.3		µg/l	5.00	100		46.3	40-130		
Indeno (1,2,3-cd) pyrene	69.0		µg/l	5.00	100		69.0	40-130		
Isophorone	50.5		µg/l	5.00	100		50.5	40-130		
2-Methylnaphthalene	43.4		µg/l	5.00	100		43.4	40-130		
Naphthalene	43.5		µg/l	5.00	100		43.5	40-130		
2-Nitroaniline	59.8		µg/l	5.00	100		59.8	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120406 - SW846 3510C										
LCS (6120406-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
3-Nitroaniline	47.5		µg/l	5.00	100		47.5	40-130		
4-Nitroaniline	68.2		µg/l	5.00	100		68.2	40-130		
Nitrobenzene	49.7		µg/l	5.00	100		49.7	40-130		
N-Nitrosodimethylamine	47.1		µg/l	5.00	100		47.1	40-130		
N-Nitrosodiphenylamine	57.5		µg/l	5.00	100		57.5	40-130		
Phenanthrene	52.1		µg/l	5.00	100		52.1	40-130		
Pyrene	52.2		µg/l	5.00	100		52.2	40-130		
1,4-Dichlorobenzene-d4	40.0		µg/l		40.0		151	50-200		
Naphthalene-d8	40.0		µg/l		40.0		173	50-200		
Acenaphthene-d10	40.0		µg/l		40.0		179	50-200		
Phenanthrene-d10	40.0		µg/l		40.0		180	50-200		
Chrysene-d12	40.0		µg/l		40.0		187	50-200		
Perylene-d12	40.0		µg/l		40.0		182	50-200		
Surrogate: 2-Fluorobiphenyl	*59.3*		µg/l		*100*		*59.3*	*30-130*		
Surrogate: 2-Fluorophenol	*60.7*		µg/l		*100*		*60.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*61.7*		µg/l		*100*		*61.7*	*30-130*		
Surrogate: Phenol-d5	*52.8*		µg/l		*100*		*52.8*	*15-110*		
Surrogate: Terphenyl-dl4	*60.7*		µg/l		*100*		*60.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*66.4*		µg/l		*100*		*66.4*	*15-110*		
Batch 6120537 - SW846 3550B										
Blank (6120537-BLK1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Blank (6120537-BLK1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Acenaphthene	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Blank (6120537-BLK1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
1-Methylnaphthalene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Pyrene	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*3120*		µg/kg wet		*3330*		*93.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*3120*		µg/kg wet		*3330*		*93.7*	*30-130*		
Surrogate: 2-Fluorophenol	*2930*		µg/kg wet		*3330*		*88.0*	*30-130*		
Surrogate: 2-Fluorophenol	*2930*		µg/kg wet		*3330*		*88.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*2570*		µg/kg wet		*3330*		*77.2*	*30-130*		
Surrogate: Nitrobenzene-d5	*2570*		µg/kg wet		*3330*		*77.2*	*30-130*		
Surrogate: Phenol-d5	*2580*		µg/kg wet		*3330*		*77.5*	*30-130*		
Surrogate: Phenol-d5	*2580*		µg/kg wet		*3330*		*77.5*	*15-110*		
Surrogate: Terphenyl-dl4	*3300*		µg/kg wet		*3330*		*99.1*	*30-130*		
Surrogate: Terphenyl-dl4	*3300*		µg/kg wet		*3330*		*99.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3740*	SGC	µg/kg wet		*3330*		*112*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3740*		µg/kg wet		*3330*		*112*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
LCS (6120537-BS1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	2150		µg/kg wet	165	3330		64.6	40-130		
Acenaphthylene	2080		µg/kg wet	165	3330		62.5	40-130		
N-Nitrosodimethylamine	2450		µg/kg wet	165	3330		73.6	40-130		
Aniline	1590		µg/kg wet	165	3330		47.7	40-130		
Bis(2-chloroethyl)ether	2340		µg/kg wet	165	3330		70.3	40-130		
Anthracene	2280		µg/kg wet	165	3330		68.5	40-130		
Atrazine	2590		µg/kg wet	165	3330		77.8	40-130		
Azobenzene/Diphenyldiazine	1740		µg/kg wet	165	3330		52.3	40-130		
1,3-Dichlorobenzene	2280		µg/kg wet	165	3330		68.5	40-130		
Benzidine	84.3	QC2	µg/kg wet	165	3330		2.53	40-130		
1,4-Dichlorobenzene	2160		µg/kg wet	165	3330		64.9	40-130		
Benzo (a) anthracene	2520		µg/kg wet	165	3330		75.7	40-130		
1,2-Dichlorobenzene	2280		µg/kg wet	165	3330		68.5	40-130		
Benzo (a) pyrene	1960		µg/kg wet	165	3330		58.9	40-130		
Benzo (b) fluoranthene	2030		µg/kg wet	165	3330		61.0	40-130		
Benzyl alcohol	2850		µg/kg wet	165	3330		85.6	40-130		
Bis(2-chloroisopropyl)ether	3120		µg/kg wet	165	3330		93.7	40-130		
Benzo (g,h,i) perylene	2430		µg/kg wet	165	3330		73.0	40-130		
Benzo (k) fluoranthene	2070		µg/kg wet	165	3330		62.2	40-130		
Hexachloroethane	2300		µg/kg wet	165	3330		69.1	40-130		
Benzoic acid	60.7	QC2	µg/kg wet	165	3330		1.82	40-130		
Benzyl alcohol	2850		µg/kg wet	165	3330		85.6	40-130		
Bis(2-chloroethoxy)methane	2480		µg/kg wet	165	3330		74.5	40-130		
Bis(2-chloroethyl)ether	2340		µg/kg wet	165	3330		70.3	40-130		
Nitrobenzene	1950		µg/kg wet	165	3330		58.6	40-130		
Isophorone	2370		µg/kg wet	165	3330		71.2	40-130		
Bis(2-chloroisopropyl)ether	3120		µg/kg wet	165	3330		93.7	40-130		
Bis(2-ethylhexyl)phthalate	2350		µg/kg wet	165	3330		70.6	40-130		
4-Bromophenyl phenyl ether	2860		µg/kg wet	165	3330		85.9	40-130		
Butyl benzyl phthalate	2400		µg/kg wet	165	3330		72.1	40-130		
Bis(2-chloroethoxy)methane	2480		µg/kg wet	165	3330		74.5	40-130		
Carbazole	2890		µg/kg wet	165	3330		86.8	40-130		
4-Chloro-3-methylphenol	2870		µg/kg wet	165	3330		86.2	40-130		
4-Chloroaniline	1510		µg/kg wet	165	3330		45.3	40-130		
Benzoic acid	60.7	QC2	µg/kg wet	165	3330		1.82	40-130		
Naphthalene	2240		µg/kg wet	165	3330		67.3	40-130		
2-Chloronaphthalene	2110		µg/kg wet	165	3330		63.4	40-130		
4-Chloroaniline	1510		µg/kg wet	165	3330		45.3	40-130		
2-Chlorophenol	2220		µg/kg wet	165	3330		66.7	40-130		
Hexachlorobutadiene	2590		µg/kg wet	165	3330		77.8	40-130		
4-Chlorophenyl phenyl ether	1940		µg/kg wet	165	3330		58.3	40-130		
Chrysene	2620		µg/kg wet	165	3330		78.7	40-130		
Dibenzo (a,h) anthracene	2180		µg/kg wet	165	3330		65.5	40-130		
2-Methylnaphthalene	2320		µg/kg wet	165	3330		69.7	40-130		
Hexachlorocyclopentadiene	2570		µg/kg wet	165	3330		77.2	40-130		
Dibenzofuran	2080		µg/kg wet	165	3330		62.5	40-130		
1,2-Dichlorobenzene	2280		µg/kg wet	165	3330		68.5	40-130		
1,3-Dichlorobenzene	2280		µg/kg wet	165	3330		68.5	40-130		
2-Chloronaphthalene	2110		µg/kg wet	165	3330		63.4	40-130		
1,4-Dichlorobenzene	2160		µg/kg wet	165	3330		64.9	40-130		
2-Nitroaniline	2660		µg/kg wet	165	3330		79.9	40-130		
3,3'-Dichlorobenzidine	1870		µg/kg wet	165	3330		56.2	40-130		
Acenaphthylene	2080		µg/kg wet	165	3330		62.5	40-130		
2,4-Dichlorophenol	2670		µg/kg wet	165	3330		80.2	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
LCS (6120537-BS1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Diethyl phthalate	1950		µg/kg wet	165	3330		58.6	40-130		
Dimethyl phthalate	2450		µg/kg wet	165	3330		73.6	40-130		
2,6-Dinitrotoluene	2360		µg/kg wet	165	3330		70.9	40-130		
Dimethyl phthalate	2450		µg/kg wet	165	3330		73.6	40-130		
Acenaphthene	2150		µg/kg wet	165	3330		64.6	40-130		
2,4-Dimethylphenol	2660		µg/kg wet	165	3330		79.9	40-130		
Di-n-butyl phthalate	2260		µg/kg wet	165	3330		67.9	40-130		
3-Nitroaniline	1550		µg/kg wet	165	3330		46.5	40-130		
4,6-Dinitro-2-methylphenol	2230		µg/kg wet	165	3330		67.0	40-130		
Dibenzofuran	2080		µg/kg wet	165	3330		62.5	40-130		
2,4-Dinitrophenol	1860		µg/kg wet	165	3330		55.9	40-130		
2,4-Dinitrotoluene	2540		µg/kg wet	165	3330		76.3	40-130		
2,4-Dinitrotoluene	2540		µg/kg wet	165	3330		76.3	40-130		
2,6-Dinitrotoluene	2360		µg/kg wet	165	3330		70.9	40-130		
Fluorene	1710		µg/kg wet	165	3330		51.4	40-130		
Di-n-octyl phthalate	1730		µg/kg wet	165	3330		52.0	40-130		
Fluoranthene	2580		µg/kg wet	165	3330		77.5	40-130		
4-Chlorophenyl phenyl ether	1940		µg/kg wet	165	3330		58.3	40-130		
Fluorene	1710		µg/kg wet	165	3330		51.4	40-130		
Diethyl phthalate	1950		µg/kg wet	165	3330		58.6	40-130		
4-Nitroaniline	1950		µg/kg wet	165	3330		58.6	40-130		
Hexachlorobenzene	2670		µg/kg wet	165	3330		80.2	40-130		
Hexachlorobutadiene	2590		µg/kg wet	165	3330		77.8	40-130		
N-Nitrosodiphenylamine	2040		µg/kg wet	165	3330		61.3	40-130		
Hexachlorocyclopentadiene	2570		µg/kg wet	165	3330		77.2	40-130		
Hexachloroethane	2300		µg/kg wet	165	3330		69.1	40-130		
Azobenzene/Diphenyldiazine	1740		µg/kg wet	165	3330		52.3	40-130		
4-Bromophenyl phenyl ether	2860		µg/kg wet	165	3330		85.9	40-130		
Indeno (1,2,3-cd) pyrene	2310		µg/kg wet	165	3330		69.4	40-130		
Isophorone	2370		µg/kg wet	165	3330		71.2	40-130		
Hexachlorobenzene	2670		µg/kg wet	165	3330		80.2	40-130		
1-Methylnaphthalene	2210		µg/kg wet	165	3330		66.4	40-140		
2-Methylnaphthalene	2320		µg/kg wet	165	3330		69.7	40-130		
2-Methylphenol	2070		µg/kg wet	165	3330		62.2	40-130		
Phenanthrene	2280		µg/kg wet	165	3330		68.5	40-130		
Anthracene	2280		µg/kg wet	165	3330		68.5	40-130		
3,4-Methylphenol	2530		µg/kg wet	165	3330		76.0	40-130		
Naphthalene	2240		µg/kg wet	165	3330		67.3	40-130		
Di-n-butyl phthalate	2260		µg/kg wet	165	3330		67.9	40-130		
2-Nitroaniline	2660		µg/kg wet	165	3330		79.9	40-130		
Fluoranthene	2580		µg/kg wet	165	3330		77.5	40-130		
Benzidine	84.3	QC2	µg/kg wet	165	3330		2.53	40-130		
3-Nitroaniline	1550		µg/kg wet	165	3330		46.5	40-130		
Pyrene	2270		µg/kg wet	165	3330		68.2	40-130		
4-Nitroaniline	1950		µg/kg wet	660	3330		58.6	40-130		
Nitrobenzene	1950		µg/kg wet	165	3330		58.6	40-130		
Butyl benzyl phthalate	2400		µg/kg wet	165	3330		72.1	40-130		
2-Nitrophenol	2430		µg/kg wet	165	3330		73.0	40-130		
3,3'-Dichlorobenzidine	1870		µg/kg wet	165	3330		56.2	40-130		
Benzo (a) anthracene	2520		µg/kg wet	165	3330		75.7	40-130		
4-Nitrophenol	2130		µg/kg wet	660	3330		64.0	40-130		
N-Nitrosodimethylamine	2450		µg/kg wet	165	3330		73.6	40-130		
Chrysene	2620		µg/kg wet	165	3330		78.7	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
LCS (6120537-BS1)										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
N-Nitrosodi-n-propylamine	2380		µg/kg wet	165	3330		71.5	40-130		
Bis(2-ethylhexyl)phthalate	2350		µg/kg wet	165	3330		70.6	40-130		
N-Nitrosodiphenylamine	2040		µg/kg wet	165	3330		61.3	40-130		
Di-n-octyl phthalate	1730		µg/kg wet	165	3330		52.0	40-130		
Benzo (b) fluoranthene	2030		µg/kg wet	165	3330		61.0	40-130		
Pentachlorophenol	2660		µg/kg wet	165	3330		79.9	40-130		
Benzo (k) fluoranthene	2070		µg/kg wet	165	3330		62.2	40-130		
Phenanthrene	2280		µg/kg wet	165	3330		68.5	40-130		
Benzo (a) pyrene	1960		µg/kg wet	165	3330		58.9	40-130		
Phenol	2110		µg/kg wet	165	3330		63.4	40-130		
Indeno (1,2,3-cd) pyrene	2310		µg/kg wet	165	3330		69.4	40-130		
Pyrene	2270		µg/kg wet	165	3330		68.2	40-130		
Dibenzo (a,h) anthracene	2180		µg/kg wet	165	3330		65.5	40-130		
Pyridine	2680		µg/kg wet	165	3330		80.5	40-130		
Benzo (g,h,i) perylene	2430		µg/kg wet	165	3330		73.0	40-130		
1,2,4-Trichlorobenzene	2520		µg/kg wet	165	3330		75.7	40-130		
2,4,5-Trichlorophenol	2470		µg/kg wet	165	3330		74.2	40-130		
2,4,6-Trichlorophenol	2370		µg/kg wet	165	3330		71.2	40-130		
Surrogate: 2-Fluorobiphenyl	*2290*		µg/kg wet		*3330*		*68.8*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2290*		µg/kg wet		*3330*		*68.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2660*		µg/kg wet		*3330*		*79.9*	*15-110*		
Surrogate: 2-Fluorophenol	*2660*		µg/kg wet		*3330*		*79.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*2670*		µg/kg wet		*3330*		*80.2*	*30-130*		
Surrogate: Nitrobenzene-d5	*2670*		µg/kg wet		*3330*		*80.2*	*30-130*		
Surrogate: Phenol-d5	*2230*		µg/kg wet		*3330*		*67.0*	*15-110*		
Surrogate: Phenol-d5	*2230*		µg/kg wet		*3330*		*67.0*	*15-110*		
Surrogate: Terphenyl-dl4	*2730*		µg/kg wet		*3330*		*82.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2730*		µg/kg wet		*3330*		*82.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3930*	SGC	µg/kg wet		*3330*		*118*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3930*	SGC	µg/kg wet		*3330*		*118*	*15-110*		
Duplicate (6120537-DUP1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	BRL		µg/kg wet	195		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg wet	195		BRL				50
Acenaphthylene	BRL		µg/kg wet	195		BRL				50
Aniline	BRL		µg/kg wet	195		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg wet	195		BRL				50
Anthracene	BRL		µg/kg wet	195		BRL				50
Atrazine	BRL		µg/kg wet	195		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	195		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
Benzidine	BRL		µg/kg wet	195		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
Benzo (a) anthracene	BRL		µg/kg wet	195		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
Benzo (a) pyrene	BRL		µg/kg wet	195		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg wet	195		BRL				50
Benzyl alcohol	BRL		µg/kg wet	195		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	195		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg wet	195		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg wet	195		BRL				50
Hexachloroethane	BRL		µg/kg wet	195		BRL				50
Benzoic acid	BRL		µg/kg wet	195		BRL				50
Benzyl alcohol	BRL		µg/kg wet	195		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Duplicate (6120537-DUP1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	195		BRL				50
Nitrobenzene	BRL		µg/kg wet	195		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg wet	195		BRL				50
Isophorone	BRL		µg/kg wet	195		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	195		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	195		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg wet	195		BRL				50
Butyl benzyl phthalate	BRL		µg/kg wet	195		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	195		BRL				50
Carbazole	BRL		µg/kg wet	195		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg wet	195		BRL				50
Benzoic acid	BRL		µg/kg wet	195		BRL				50
4-Chloroaniline	BRL		µg/kg wet	195		BRL				50
Naphthalene	BRL		µg/kg wet	195		BRL				50
2-Chloronaphthalene	BRL		µg/kg wet	195		BRL				50
2-Chlorophenol	BRL		µg/kg wet	195		BRL				50
4-Chloroaniline	BRL		µg/kg wet	195		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	195		BRL				50
Hexachlorobutadiene	BRL		µg/kg wet	195		BRL				50
Chrysene	BRL		µg/kg wet	195		BRL				50
2-Methylnaphthalene	BRL		µg/kg wet	195		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg wet	195		BRL				50
Dibenzofuran	BRL		µg/kg wet	195		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg wet	195		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg wet	195		BRL				50
2-Chloronaphthalene	BRL		µg/kg wet	195		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg wet	195		BRL				50
2-Nitroaniline	BRL		µg/kg wet	195		BRL				50
Acenaphthylene	BRL		µg/kg wet	195		BRL				50
2,4-Dichlorophenol	BRL		µg/kg wet	195		BRL				50
Diethyl phthalate	BRL		µg/kg wet	195		BRL				50
Dimethyl phthalate	BRL		µg/kg wet	195		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg wet	195		BRL				50
Dimethyl phthalate	BRL		µg/kg wet	195		BRL				50
Acenaphthene	BRL		µg/kg wet	195		BRL				50
2,4-Dimethylphenol	BRL		µg/kg wet	195		BRL				50
Di-n-butyl phthalate	BRL		µg/kg wet	195		BRL				50
3-Nitroaniline	BRL		µg/kg wet	195		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	195		BRL				50
2,4-Dinitrophenol	BRL		µg/kg wet	195		BRL				50
Dibenzofuran	BRL		µg/kg wet	195		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg wet	195		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg wet	195		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg wet	195		BRL				50
Fluorene	BRL		µg/kg wet	195		BRL				50
Di-n-octyl phthalate	BRL		µg/kg wet	195		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	195		BRL				50
Fluoranthene	BRL		µg/kg wet	195		BRL				50
Diethyl phthalate	BRL		µg/kg wet	195		BRL				50
Fluorene	BRL		µg/kg wet	195		BRL				50
4-Nitroaniline	BRL		µg/kg wet	195		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Duplicate (6120537-DUP1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Hexachlorobenzene	BRL		µg/kg wet	195		BRL				50
Hexachlorobutadiene	BRL		µg/kg wet	195		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg wet	195		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg wet	195		BRL				50
Hexachloroethane	BRL		µg/kg wet	195		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	195		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg wet	195		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	195		BRL				50
Hexachlorobenzene	BRL		µg/kg wet	195		BRL				50
1-Methylnaphthalene	BRL		µg/kg wet	195		BRL				50
Isophorone	BRL		µg/kg wet	195		BRL				50
2-Methylnaphthalene	BRL		µg/kg wet	195		BRL				50
Phenanthrene	BRL		µg/kg wet	195		BRL				50
2-Methylphenol	BRL		µg/kg wet	195		BRL				50
Anthracene	BRL		µg/kg wet	195		BRL				50
3,4-Methylphenol	BRL		µg/kg wet	195		BRL				50
Di-n-butyl phthalate	BRL		µg/kg wet	195		BRL				50
Naphthalene	BRL		µg/kg wet	195		BRL				50
Fluoranthene	BRL		µg/kg wet	195		BRL				50
2-Nitroaniline	BRL		µg/kg wet	195		BRL				50
3-Nitroaniline	BRL		µg/kg wet	195		BRL				50
Benzidine	BRL		µg/kg wet	195		BRL				50
4-Nitroaniline	BRL		µg/kg wet	778		BRL				50
Pyrene	BRL		µg/kg wet	195		BRL				50
Nitrobenzene	BRL		µg/kg wet	195		BRL				50
Butyl benzyl phthalate	BRL		µg/kg wet	195		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg wet	195		BRL				50
2-Nitrophenol	BRL		µg/kg wet	195		BRL				50
4-Nitrophenol	BRL		µg/kg wet	778		BRL				50
Benzo (a) anthracene	BRL		µg/kg wet	195		BRL				50
Chrysene	BRL		µg/kg wet	195		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg wet	195		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	195		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	195		BRL				50
Di-n-octyl phthalate	BRL		µg/kg wet	195		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg wet	195		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg wet	195		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg wet	195		BRL				50
Pentachlorophenol	BRL		µg/kg wet	195		BRL				50
Benzo (a) pyrene	BRL		µg/kg wet	195		BRL				50
Phenanthrene	BRL		µg/kg wet	195		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	195		BRL				50
Phenol	BRL		µg/kg wet	195		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg wet	195		BRL				50
Pyrene	BRL		µg/kg wet	195		BRL				50
Pyridine	BRL		µg/kg wet	195		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg wet	195		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg wet	195		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg wet	195		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg wet	195		BRL				50
Surrogate: 2-Fluorobiphenyl	*1460*		µg/kg wet		*1970*		*74.1*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*1460*		µg/kg wet		*1970*		*74.1*	*30-130*		
Surrogate: 2-Fluorophenol	*1220*		µg/kg wet		*1970*		*61.9*	*15-110*		
Surrogate: 2-Fluorophenol	*1220*		µg/kg wet		*1970*		*61.9*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Duplicate (6120537-DUP1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Surrogate: Nitrobenzene-d5	*1060*		µg/kg wet		*1970*		*53.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*1060*		µg/kg wet		*1970*		*53.8*	*30-130*		
Surrogate: Phenol-d5	*977*		µg/kg wet		*1970*		*49.6*	*30-130*		
Surrogate: Phenol-d5	*977*		µg/kg wet		*1970*		*49.6*	*15-110*		
Surrogate: Terphenyl-dl4	*1490*		µg/kg wet		*1970*		*75.6*	*30-130*		
Surrogate: Terphenyl-dl4	*1490*		µg/kg wet		*1970*		*75.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1770*		µg/kg wet		*1970*		*89.8*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*1770*		µg/kg wet		*1970*		*89.8*	*30-130*		
Matrix Spike (6120537-MS1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	2530		µg/kg wet	197	3980	BRL	63.6	40-140		
Phenol	3790		µg/kg wet	197	7970	BRL	47.6	30-130		
1,4-Dichlorobenzene	2250		µg/kg wet	197	3980	BRL	56.5	40-140		
4-Chloro-3-methylphenol	4650		µg/kg wet	197	7970	BRL	58.3	30-130		
2-Chlorophenol	4530		µg/kg wet	197	7970	BRL	56.8	30-130		
1,4-Dichlorobenzene	2250		µg/kg wet	197	3980	BRL	56.5	40-140		
Acenaphthene	2530		µg/kg wet	197	3980	BRL	63.6	40-140		
2,4-Dinitrotoluene	2170		µg/kg wet	197	3980	BRL	54.5	40-140		
2,4-Dinitrotoluene	2170		µg/kg wet	197	3980	BRL	54.5	40-140		
Pyrene	2420		µg/kg wet	197	3980	BRL	60.8	40-140		
4-Nitrophenol	3890		µg/kg wet	789	7970	BRL	48.8	30-130		
N-Nitrosodi-n-propylamine	2290		µg/kg wet	197	3980	BRL	57.5	40-140		
Pentachlorophenol	6180		µg/kg wet	197	7970	BRL	77.5	30-130		
Phenol	3790		µg/kg wet	197	7970	BRL	47.6	30-130		
Pyrene	2420		µg/kg wet	197	3980	BRL	60.8	40-140		
1,2,4-Trichlorobenzene	2340		µg/kg wet	197	3980	BRL	58.8	40-140		
Surrogate: 2-Fluorobiphenyl	*2850*		µg/kg wet		*3980*		*71.6*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2850*		µg/kg wet		*3980*		*71.6*	*30-130*		
Surrogate: 2-Fluorophenol	*2260*		µg/kg wet		*3980*		*56.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2260*		µg/kg wet		*3980*		*56.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2210*		µg/kg wet		*3980*		*55.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*2210*		µg/kg wet		*3980*		*55.5*	*30-130*		
Surrogate: Phenol-d5	*1910*		µg/kg wet		*3980*		*48.0*	*15-110*		
Surrogate: Phenol-d5	*1910*		µg/kg wet		*3980*		*48.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2780*		µg/kg wet		*3980*		*69.8*	*30-130*		
Surrogate: Terphenyl-dl4	*2780*		µg/kg wet		*3980*		*69.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3680*		µg/kg wet		*3980*		*92.5*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3680*		µg/kg wet		*3980*		*92.5*	*30-130*		
Matrix Spike Dup (6120537-MSD1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	2510		µg/kg wet	196	3960	BRL	63.4	40-140	0.315	30
Phenol	3540		µg/kg wet	196	7930	BRL	44.6	30-130	6.51	30
1,4-Dichlorobenzene	2180		µg/kg wet	196	3960	BRL	55.1	40-140	2.51	30
4-Chloro-3-methylphenol	4640		µg/kg wet	196	7930	BRL	58.5	30-130	0.342	30
2-Chlorophenol	4410		µg/kg wet	196	7930	BRL	55.6	30-130	2.14	30
1,4-Dichlorobenzene	2180		µg/kg wet	196	3960	BRL	55.1	40-140	2.51	30
Acenaphthene	2510		µg/kg wet	196	3960	BRL	63.4	40-140	0.315	30
2,4-Dinitrotoluene	2020		µg/kg wet	196	3960	BRL	51.0	40-140	6.64	30
2,4-Dinitrotoluene	2020		µg/kg wet	196	3960	BRL	51.0	40-140	6.64	30
Pyrene	2540		µg/kg wet	196	3960	BRL	64.1	40-140	5.28	30
4-Nitrophenol	3510		µg/kg wet	785	7930	BRL	44.3	30-130	9.67	30
N-Nitrosodi-n-propylamine	2210		µg/kg wet	196	3960	BRL	55.8	40-140	3.00	30
Pentachlorophenol	6000		µg/kg wet	196	7930	BRL	75.7	30-130	2.35	30
Phenol	3540		µg/kg wet	196	7930	BRL	44.6	30-130	6.51	30
Pyrene	2540		µg/kg wet	196	3960	BRL	64.1	40-140	5.28	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120537 - SW846 3550B										
Matrix Spike Dup (6120537-MSD1) **Source: SA55108-03**										
Prepared: 08-Dec-06 Analyzed: 09-Dec-06										
1,2,4-Trichlorobenzene	2250		µg/kg wet	196	3960	BRL	56.8	40-140	3.46	30
Surrogate: 2-Fluorobiphenyl	*2800*		µg/kg wet		*3960*		*70.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2800*		µg/kg wet		*3960*		*70.7*	*30-130*		
Surrogate: 2-Fluorophenol	*2130*		µg/kg wet		*3960*		*53.8*	*15-110*		
Surrogate: 2-Fluorophenol	*2130*		µg/kg wet		*3960*		*53.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*2110*		µg/kg wet		*3960*		*53.3*	*30-130*		
Surrogate: Nitrobenzene-d5	*2110*		µg/kg wet		*3960*		*53.3*	*30-130*		
Surrogate: Phenol-d5	*1810*		µg/kg wet		*3960*		*45.7*	*15-110*		
Surrogate: Phenol-d5	*1810*		µg/kg wet		*3960*		*45.7*	*30-130*		
Surrogate: Terphenyl-dl4	*2980*		µg/kg wet		*3960*		*75.3*	*30-130*		
Surrogate: Terphenyl-dl4	*2980*		µg/kg wet		*3960*		*75.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3690*		µg/kg wet		*3960*		*93.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3690*		µg/kg wet		*3960*		*93.2*	*15-110*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120498 - EPA200/SW7000 Series										
Blank (6120498-BLK1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/kg wet	0.0290						
Duplicate (6120498-DUP1) **Source: SA55203-01**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/kg dry	0.0379		BRL				35
Matrix Spike (6120498-MS1) **Source: SA55203-02**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.555		mg/kg dry	0.0367	0.510	0.0131	106	75-125		
Matrix Spike (6120498-MS2) **Source: SA55203-03**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.567		mg/kg dry	0.0355	0.493	0.0320	109	75-125		
Post Spike (6120498-PS1) **Source: SA55203-02**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.528		mg/kg dry	0.0357	0.496	0.0131	104	75-125		
Reference (6120498-SRM1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.936		mg/kg wet	0.0300	1.05		89.1	68.2-132.1		
Batch 6120505 - SW846 3005A										
Blank (6120505-BLK1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (6120505-BS1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Selenium	0.466		mg/l	0.0150	0.500		93.2	85-115		
Lead	0.474		mg/l	0.0075	0.500		94.8	85-115		
Silver	0.460		mg/l	0.0100	0.500		92.0	85-115		
Barium	0.520		mg/l	0.0050	0.500		104	85-115		
Chromium	0.516		mg/l	0.0050	0.500		103	85-115		
Cadmium	0.504		mg/l	0.0025	0.500		101	85-115		
Arsenic	0.451		mg/l	0.0040	0.500		90.2	85-115		
LCS Dup (6120505-BSD1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Lead	0.485		mg/l	0.0075	0.500		97.0	85-115	2.29	20
Selenium	0.481		mg/l	0.0150	0.500		96.2	85-115	3.17	20
Arsenic	0.465		mg/l	0.0040	0.500		93.0	85-115	3.06	20
Silver	0.475		mg/l	0.0100	0.500		95.0	85-115	3.21	20
Barium	0.520		mg/l	0.0050	0.500		104	85-115	0.00	20
Chromium	0.526		mg/l	0.0050	0.500		105	85-115	1.92	20
Cadmium	0.518		mg/l	0.0025	0.500		104	85-115	2.74	20
Duplicate (6120505-DUP1) **Source: SA55203-12**										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Lead	0.0254		mg/l	0.0075		0.0252			0.791	20
Selenium	0.0106	J	mg/l	0.0150		0.0094			12.0	20

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120505 - SW846 3005A										
Duplicate (6120505-DUP1) **Source: SA55203-12**										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	0.0018	J	mg/l	0.0025		0.0018			0.00	20
Chromium	0.0438		mg/l	0.0050		0.0421			3.96	20
Barium	0.239		mg/l	0.0050		0.239			0.00	20
Silver	BRL		mg/l	0.0100		BRL				20
Matrix Spike (6120505-MS1) **Source: SA55203-13**										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Lead	0.477		mg/l	0.0075	0.500	0.0038	94.6	75-125		
Selenium	0.496		mg/l	0.0150	0.500	BRL	99.2	75-125		
Arsenic	0.485		mg/l	0.0040	0.500	BRL	97.0	75-125		
Silver	0.494		mg/l	0.0100	0.500	BRL	98.8	75-125		
Chromium	0.536		mg/l	0.0050	0.500	BRL	107	75-125		
Barium	0.606		mg/l	0.0050	0.500	0.0745	106	75-125		
Cadmium	0.513		mg/l	0.0025	0.500	0.0002	103	75-125		
Matrix Spike Dup (6120505-MSD1) **Source: SA55203-13**										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Lead	0.461		mg/l	0.0075	0.500	0.0038	91.4	75-125	3.41	20
Selenium	0.483		mg/l	0.0150	0.500	BRL	96.6	75-125	2.66	20
Chromium	0.512		mg/l	0.0050	0.500	BRL	102	75-125	4.58	20
Arsenic	0.469		mg/l	0.0040	0.500	BRL	93.8	75-125	3.35	20
Cadmium	0.495		mg/l	0.0025	0.500	0.0002	99.0	75-125	3.57	20
Silver	0.479		mg/l	0.0100	0.500	BRL	95.8	75-125	3.08	20
Barium	0.580		mg/l	0.0050	0.500	0.0745	101	75-125	4.38	20
Post Spike (6120505-PS1) **Source: SA55203-13**										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Selenium	0.505		mg/l	0.0150	0.500	BRL	101	80-120		
Lead	0.481		mg/l	0.0075	0.500	0.0038	95.4	80-120		
Arsenic	0.494		mg/l	0.0040	0.500	BRL	98.8	80-120		
Cadmium	0.514		mg/l	0.0025	0.500	0.0002	103	80-120		
Chromium	0.538		mg/l	0.0050	0.500	BRL	108	80-120		
Silver	0.498		mg/l	0.0100	0.500	BRL	99.6	80-120		
Barium	0.608		mg/l	0.0050	0.500	0.0745	107	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120496 - EPA 200 Series										
Blank (6120496-BLK1)										
Prepared & Analyzed: 11-Dec-06										
Selenium	BRL		mg/kg wet	1.45						
Silver	BRL		mg/kg wet	2.90						
Arsenic	BRL		mg/kg wet	1.45						
Lead	BRL		mg/kg wet	0.726						
Chromium	BRL		mg/kg wet	0.484						
Cadmium	BRL		mg/kg wet	0.242						
Barium	BRL		mg/kg wet	0.484						
LCS (6120496-BS1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Silver	106	QC1	mg/kg wet	3.00	125		84.8	85-115		
Selenium	129		mg/kg wet	1.50	125		103	85-115		
Cadmium	129		mg/kg wet	0.250	125		103	85-115		
Chromium	123		mg/kg wet	0.500	125		98.4	85-115		
Arsenic	122		mg/kg wet	1.50	125		97.6	85-115		
Lead	123		mg/kg wet	0.750	125		98.4	85-115		
Barium	134		mg/kg wet	0.500	125		107	85-115		
Duplicate (6120496-DUP1) **Source: SA55203-01**										
Prepared & Analyzed: 11-Dec-06										
Selenium	0.988	J	mg/kg dry	1.81		1.15			15.2	20
Silver	BRL		mg/kg dry	3.61		BRL				20
Cadmium	0.680		mg/kg dry	0.301		0.699			2.76	20
Lead	8.04		mg/kg dry	0.903		8.53			5.91	20
Chromium	17.0		mg/kg dry	0.602		18.8			10.1	20
Arsenic	BRL		mg/kg dry	1.81		BRL				20
Barium	62.2		mg/kg dry	0.602		68.8			10.1	20
Matrix Spike (6120496-MS1) **Source: SA55203-02**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Selenium	140		mg/kg dry	1.82	151	BRL	92.7	70-130		
Silver	118		mg/kg dry	3.63	151	BRL	78.1	70-130		
Arsenic	137		mg/kg dry	1.82	151	1.62	89.7	70-130		
Chromium	148		mg/kg dry	0.605	151	13.4	89.1	70-130		
Lead	140		mg/kg dry	0.908	151	9.90	86.2	70-130		
Cadmium	137		mg/kg dry	0.303	151	0.438	90.4	70-130		
Barium	198		mg/kg dry	0.605	151	47.4	99.7	70-130		
Matrix Spike (6120496-MS2) **Source: SA55203-03**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Selenium	129		mg/kg dry	1.58	132	1.64	96.5	70-130		
Silver	110		mg/kg dry	3.17	132	BRL	83.3	70-130		
Chromium	142		mg/kg dry	0.528	132	18.0	93.9	70-130		
Lead	143		mg/kg dry	0.792	132	25.6	88.9	70-130		
Cadmium	126		mg/kg dry	0.264	132	0.849	94.8	70-130		
Arsenic	128		mg/kg dry	1.58	132	2.58	95.0	70-130		
Barium	203		mg/kg dry	0.528	132	62.8	106	70-130		
Post Spike (6120496-PS1) **Source: SA55203-02**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Selenium	143		mg/kg dry	1.84	153	BRL	93.5	85-115		
Cadmium	140		mg/kg dry	0.306	153	0.438	91.2	85-115		
Arsenic	140		mg/kg dry	1.84	153	1.62	90.4	85-115		
Lead	142		mg/kg dry	0.918	153	9.90	86.3	85-115		
Chromium	150		mg/kg dry	0.612	153	13.4	89.3	85-115		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120496 - EPA 200 Series										
Post Spike (6120496-PS1) Source: SA55203-02										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Barium	200		mg/kg dry	0.612	153	47.4	99.7	85-115		
Reference (6120496-SRM1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Silver	63.5		mg/kg wet	3.00	63.4		100	61.2-139		
Selenium	92.4		mg/kg wet	1.50	89.2		104	75.7-124.3		
Lead	84.6		mg/kg wet	0.750	85.6		98.8	80.7-119.3		
Cadmium	65.0		mg/kg wet	0.250	60.3		108	81.5-118.8		
Chromium	35.4		mg/kg wet	0.500	37.5		94.4	78.6-121.4		
Arsenic	127		mg/kg wet	1.50	132		96.2	79.8-120.2		
Barium	261		mg/kg wet	0.500	243		107	82-118.1		
Batch 6120508 - EPA200/SW7000 Series										
Blank (6120508-BLK1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120508-BS1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00261		mg/l	0.00020	0.00250		104	80-120		
Duplicate (6120508-DUP1) Source: SA55203-12										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00007	J,QR1	mg/l	0.00020		0.00016			78.3	20
Matrix Spike (6120508-MS1) Source: SA55203-13										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00248		mg/l	0.00020	0.00250	BRL	99.2	75-125		
Matrix Spike Dup (6120508-MSD1) Source: SA55203-13										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00272		mg/l	0.00020	0.00250	BRL	109	75-125	9.23	20
Post Spike (6120508-PS1) Source: SA55203-13										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00244		mg/l	0.00020	0.00250	BRL	97.6	75-125		

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120683 - SW846 3010A										
Blank (6120683-BLK1)										
Prepared & Analyzed: 11-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (6120683-BS1)										
Prepared & Analyzed: 11-Dec-06										
Selenium	1.14		mg/l	0.0150	1.25		91.2	67.3-113		
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111		
Cadmium	1.24		mg/l	0.0025	1.25		99.2	71.8-121		
Silver	1.05		mg/l	0.0100	1.25		84.0	56.1-118		
Chromium	1.22		mg/l	0.0050	1.25		97.6	72-119		
Arsenic	1.17		mg/l	0.0150	1.25		93.6	68.7-111		
Barium	1.32		mg/l	0.0050	1.25		106	77.1-125		
LCS Dup (6120683-BSD1)										
Prepared & Analyzed: 11-Dec-06										
Selenium	1.13		mg/l	0.0150	1.25		90.4	67.3-113	0.881	20
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111	0.00	20
Cadmium	1.23		mg/l	0.0025	1.25		98.4	71.8-121	0.810	20
Silver	1.04		mg/l	0.0100	1.25		83.2	56.1-118	0.957	20
Chromium	1.20		mg/l	0.0050	1.25		96.0	72-119	1.65	20
Arsenic	1.16		mg/l	0.0150	1.25		92.8	68.7-111	0.858	20
Barium	1.30		mg/l	0.0050	1.25		104	77.1-125	1.53	20
Duplicate (6120683-DUP1)	**Source: SA55203-08**									
Prepared & Analyzed: 11-Dec-06										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		0.0028				20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		0.0028				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.0059	QR1	mg/l	0.0050		0.0032			59.3	20
Matrix Spike (6120683-MS1)	**Source: SA55203-10**									
Prepared & Analyzed: 11-Dec-06										
Selenium	1.12		mg/l	0.0150	1.25	BRL	89.6	73-113		
Lead	1.16		mg/l	0.0075	1.25	BRL	92.8	81-107		
Silver	0.948		mg/l	0.0100	1.25	BRL	75.8	63.7-113		
Cadmium	1.21		mg/l	0.0025	1.25	BRL	96.8	81.1-115		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	76.7-109		
Chromium	1.19		mg/l	0.0050	1.25	BRL	95.2	83.1-112		
Barium	1.29		mg/l	0.0050	1.25	0.0021	103	85.6-121		
Matrix Spike Dup (6120683-MSD1)	**Source: SA55203-10**									
Prepared & Analyzed: 11-Dec-06										
Lead	1.18		mg/l	0.0075	1.25	BRL	94.4	81-107	1.71	20
Selenium	1.13		mg/l	0.0150	1.25	BRL	90.4	73-113	0.889	35
Chromium	1.21		mg/l	0.0050	1.25	BRL	96.8	83.1-112	1.67	35
Arsenic	1.17		mg/l	0.0150	1.25	BRL	93.6	76.7-109	0.858	35
Silver	1.01		mg/l	0.0100	1.25	BRL	80.8	63.7-113	6.33	35

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120683 - SW846 3010A										
Matrix Spike Dup (6120683-MSD1) Source: SA55203-10										
Prepared & Analyzed: 11-Dec-06										
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	81.1-115	1.64	35
Barium	1.31		mg/l	0.0050	1.25	0.0021	105	85.6-121	1.54	35
Post Spike (6120683-PS1) Source: SA55203-10										
Prepared & Analyzed: 11-Dec-06										
Lead	1.14		mg/l	0.0075	1.25	BRL	91.2	80-120		
Selenium	1.09		mg/l	0.0150	1.25	BRL	87.2	80-120		
Silver	1.06		mg/l	0.0100	1.25	BRL	84.8	80-120		
Chromium	1.16		mg/l	0.0050	1.25	BRL	92.8	80-120		
Arsenic	1.12		mg/l	0.0150	1.25	BRL	89.6	80-120		
Cadmium	1.18		mg/l	0.0025	1.25	BRL	94.4	80-120		
Barium	1.27		mg/l	0.0050	1.25	0.0021	101	80-120		
Batch 6120684 - EPA200/SW7000 Series										
Blank (6120684-BLK1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6120684-BS1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00233		mg/l	0.00040	0.00250		93.2	65.5-119		
Duplicate (6120684-DUP1) Source: SA55203-08										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6120684-MS1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00226		mg/l	0.00040	0.00250	BRL	90.4	62.8-125		
Matrix Spike Dup (6120684-MSD1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00228		mg/l	0.00040	0.00250	BRL	91.2	62.8-125	0.881	35
Post Spike (6120684-PS1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00224		mg/l	0.00040	0.00250	BRL	89.6	75-125		
Batch 6120685 - SW846 3010A										
Blank (6120685-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (6120685-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	1.13		mg/l	0.0075	1.25		90.4	72.8-111		
Selenium	1.14		mg/l	0.0150	1.25		91.2	67.3-113		
Silver	1.12		mg/l	0.0100	1.25		89.6	56.1-118		
Chromium	1.30		mg/l	0.0050	1.25		104	72-119		
Cadmium	1.22		mg/l	0.0025	1.25		97.6	71.8-121		

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120685 - SW846 3010A										
LCS (6120685-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Arsenic	1.13		mg/l	0.0150	1.25		90.4	68.7-111		
Barium	1.26		mg/l	0.0050	1.25		101	77.1-125		
LCS Dup (6120685-BSD1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Selenium	1.11		mg/l	0.0150	1.25		88.8	67.3-113	2.67	20
Lead	1.10		mg/l	0.0075	1.25		88.0	72.8-111	2.69	20
Arsenic	1.10		mg/l	0.0150	1.25		88.0	68.7-111	2.69	20
Cadmium	1.19		mg/l	0.0025	1.25		95.2	71.8-121	2.49	20
Silver	1.07		mg/l	0.0100	1.25		85.6	56.1-118	4.57	20
Chromium	1.26		mg/l	0.0050	1.25		101	72-119	3.12	20
Barium	1.21		mg/l	0.0050	1.25		96.8	77.1-125	4.05	20
Duplicate (6120685-DUP1) **Source: SA55203-09**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	0.0078	QR1	mg/l	0.0075		0.0130			50.0	20
Selenium	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.0116	QR1	mg/l	0.0050		0.0162			33.1	20
Matrix Spike (6120685-MS1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	1.11		mg/l	0.0075	1.25	0.0057	88.3	81-107		
Selenium	1.12		mg/l	0.0150	1.25	BRL	89.6	73-113		
Arsenic	1.11		mg/l	0.0150	1.25	BRL	88.8	76.7-109		
Cadmium	1.19		mg/l	0.0025	1.25	BRL	95.2	81.1-115		
Chromium	1.25		mg/l	0.0050	1.25	BRL	100	83.1-112		
Silver	1.08		mg/l	0.0100	1.25	BRL	86.4	63.7-113		
Barium	1.24		mg/l	0.0050	1.25	0.0150	98.0	85.6-121		
Matrix Spike Dup (6120685-MSD1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	1.50	M8, QF	mg/l	0.0075	1.25	0.0057	120	81-107	29.9	20
Selenium	1.14		mg/l	0.0150	1.25	BRL	91.2	73-113	1.77	35
Arsenic	1.13		mg/l	0.0150	1.25	BRL	90.4	76.7-109	1.79	35
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	83.1-112	1.59	35
Cadmium	1.22		mg/l	0.0025	1.25	BRL	97.6	81.1-115	2.49	35
Silver	1.10		mg/l	0.0100	1.25	BRL	88.0	63.7-113	1.83	35
Barium	1.26		mg/l	0.0050	1.25	0.0150	99.6	85.6-121	1.60	35
Post Spike (6120685-PS1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Lead	1.16		mg/l	0.0075	1.25	0.0057	92.3	80-120		
Selenium	1.18		mg/l	0.0150	1.25	BRL	94.4	80-120		
Silver	1.07		mg/l	0.0100	1.25	BRL	85.6	80-120		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	80-120		
Chromium	1.31		mg/l	0.0050	1.25	BRL	105	80-120		
Cadmium	1.25		mg/l	0.0025	1.25	BRL	100	80-120		
Barium	1.29		mg/l	0.0050	1.25	0.0150	102	80-120		
Batch 6120686 - EPA200/SW7000 Series										
Blank (6120686-BLK1)										

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120686 - EPA200/SW7000 Series										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6120686-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	0.00228		mg/l	0.00040	0.00250		91.2	65.5-119		
Duplicate (6120686-DUP1) **Source: SA55203-09**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6120686-MS1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	0.00221		mg/l	0.00040	0.00250	BRL	88.4	62.8-125		
Matrix Spike Dup (6120686-MSD1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	0.00228		mg/l	0.00040	0.00250	BRL	91.2	62.8-125	3.12	35
Post Spike (6120686-PS1) **Source: SA55203-11**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Mercury	0.00206		mg/l	0.00040	0.00250	BRL	82.4	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120697 - General Preparation										
Duplicate (6120697-DUP1) **Source: SA55026-15**										
Prepared & Analyzed: 11-Dec-06										
% Solids	86.7		%			86.4			0.347	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure The method blank is used to document contamination resulting from the analytical process

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: Busway - W. Hartford, CT	Busway - W. Hartford, CT/ 171-305
This Form Provides certifications for the following data set: SA55203-01 SA55203-11 SA55203-02 SA55203-12 SA55203-03 SA55203-13 SA55203-04 SA55203-14 SA55203-05 SA55203-15 SA55203-06 SA55203-16 SA55203-07 SA55203-17 SA55203-08 SA55203-18 SA55203-09 SA55203-19 SA55203-10	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C VOC
Sample Matrices: Aqueous Soil/Sediment	

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes ☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes ☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes ☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 12/13/2006

SAS5203 BMP ✓

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-13-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Cindy Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stock - Maguire Group

Invoice To: CTDOT - DAS Contract
c/o LES WH60176600 (gw)
Rush Order # 1527
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Containers: Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260	CTETPH	SVOCs-Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	~~SVOCs Base Neutrals Acid Extractables 8270~~	~~Pesticides 8081A~~	~~PCBs 8082~~
SS203-01	470-1 4'-8'	12-6-06		C	SO		3	1				X	X	X	X	X			
02	470-2 2'-4'																		
03	470-3 2'-4'																		
04	470-4 2'-4'																		
05	470-5 2'-4'																		
06	470-6 4'-8'																		
07	470-7 2'-4'																		
08	470-8 4'-8'																		
09	470-9 2'-4'																		
10	470-10 4'-8'																		

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: CTDEP GB PMC + RDEC

☐ Fax results when available to (____) _____
☒ E-mail to ckelogicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2.1

Relinquished by:	Received by:	Date:	Time:
[signature]	James P[signature]	12-7-06	0944
James P[signature]	Mary [signature]	12-7-06	1500

SAS5203 EM ✓

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 12-13-06
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MGI

Invoice To: CTDOT - DAS Contract
c/o LES
Rush Order # 1527
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= 10=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Blank Water X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	CTETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	SVOCs - Base Neutrals Acid Extract. 8270	Pesticides 8081A	PCBs 8082	QA Reporting Notes: (check if needed)
S5203-11	470-11 2'-4'	12-6-06		C	SO		3	1				X	X		X	X	X	X	X	CTDEP GB PMC, RDEC + SWPC
12	GP-5			G	GW			2		1				X						
13	ESC-MW-8													X						
14	ESC-MW-9													X						
15	ESC-MW-10													X						
16	ESC-MW-12													X						
17	ESC-MW-15													X						
18	FB-1				X1									X						
19	TB-1				X1		1													

☐ Fax results when available to ( )
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2.1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-7-06	0944
[signature]	[signature]	12-7-06	1500

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other
State specific reporting standards: CTDEP GB PMC, RDEC

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA55330-22	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06
SA55330-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.6*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.606	1	SW846 8270C	11-Dec-06	14-Dec-06	6120666	M.B

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06
SA55330-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	0.606	1	SW846 8270C	11-Dec-06	14-Dec-06	6120666	M.B
120-12-7	Anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	0.606	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	0.606	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.606	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.606	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	0.606	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	0.606	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	0.606	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	0.606	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	0.606	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	0.606	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	0.606	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.606	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	0.606	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	0.606	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	0.606	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	0.606	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.606	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.606	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	0.606	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	0.606	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.606	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	0.606	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	0.606	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	0.606	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.606	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA55330-22	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	0.606	1	SW846 8270C	11-Dec-06	14-Dec-06	6120666	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*85.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*88.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*79.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*92.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*85.5*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	14-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*81.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*74.1*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0075	1	SW846 6010B	13-Dec-06	14-Dec-06	6120710	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	13-Dec-06	14-Dec-06	6120712	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2 SA55330-23	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	171-305	Blank Water	07-Dec-06 00:00	08-Dec-06
SA55330-23				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-06	14-Dec-06	6121042	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.4*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120786 - SW846 5035A Soil (low level)										
Blank (6120786-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120786 - SW846 5035A Soil (low level)										
Blank (6120786-BLK1)										
Prepared & Analyzed: 12-Dec-06										
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.8*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*54.0*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (6120786-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.9		µg/kg wet		20.0		120	70-130		
Acetone	9.6		µg/kg wet		20.0		48.0	3.31-159		
Acrylonitrile	21.5		µg/kg wet		20.0		108	70-130		
Benzene	22.6		µg/kg wet		20.0		113	70-130		
Bromobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Bromochloromethane	21.9		µg/kg wet		20.0		110	70-130		
Bromodichloromethane	23.4		µg/kg wet		20.0		117	70-130		
Bromoform	20.0		µg/kg wet		20.0		100	70-130		
Bromomethane	23.0		µg/kg wet		20.0		115	50-140		
2-Butanone (MEK)	17.2		µg/kg wet		20.0		86.0	47.7-127		
n-Butylbenzene	19.3		µg/kg wet		20.0		96.5	70-130		
sec-Butylbenzene	19.8		µg/kg wet		20.0		99.0	70-130		
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Carbon disulfide	22.6		µg/kg wet		20.0		113	70-130		
Carbon tetrachloride	22.1		µg/kg wet		20.0		110	70-130		
Chlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Chloroethane	22.8		µg/kg wet		20.0		114	55.9-135		
Chloroform	23.1		µg/kg wet		20.0		116	70-130		
Chloromethane	22.2		µg/kg wet		20.0		111	70-130		
2-Chlorotoluene	19.8		µg/kg wet		20.0		99.0	70-130		
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	22.0		µg/kg wet		20.0		110	70-130		
Dibromochloromethane	21.4		µg/kg wet		20.0		107	72-125		
1,2-Dibromoethane (EDB)	22.4		µg/kg wet		20.0		112	70-130		
Dibromomethane	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120786 - SW846 5035A Soil (low level)										
LCS (6120786-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,3-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	42.3-190		
1,1-Dichloroethane	23.0		µg/kg wet		20.0		115	70-130		
1,2-Dichloroethane	23.1		µg/kg wet		20.0		116	70-130		
1,1-Dichloroethene	22.6		µg/kg wet		20.0		113	70-130		
cis-1,2-Dichloroethene	23.4		µg/kg wet		20.0		117	70-130		
trans-1,2-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dichloropropane	22.9		µg/kg wet		20.0		114	70-130		
1,3-Dichloropropane	22.3		µg/kg wet		20.0		112	70-130		
2,2-Dichloropropane	24.2		µg/kg wet		20.0		121	70-130		
1,1-Dichloropropene	22.8		µg/kg wet		20.0		114	70-130		
cis-1,3-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130		
trans-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		99.5	70-130		
Hexachlorobutadiene	17.0		µg/kg wet		20.0		85.0	70-137		
2-Hexanone (MBK)	20.8		µg/kg wet		20.0		104	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	22.2		µg/kg wet		20.0		111	70-130		
4-Methyl-2-pentanone (MIBK)	22.0		µg/kg wet		20.0		110	48.5-127		
Methylene chloride	21.0		µg/kg wet		20.0		105	70-130		
Naphthalene	22.6		µg/kg wet		20.0		113	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Styrene	20.8		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	21.8		µg/kg wet		20.0		109	70-130		
Toluene	22.2		µg/kg wet		20.0		111	70-130		
1,2,3-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130		
1,1,1-Trichloroethane	22.3		µg/kg wet		20.0		112	70-130		
1,1,2-Trichloroethane	23.0		µg/kg wet		20.0		115	70-130		
Trichloroethene	21.5		µg/kg wet		20.0		108	70-130		
Trichlorofluoromethane (Freon 11)	22.9		µg/kg wet		20.0		114	66.5-144		
1,2,3-Trichloropropane	21.7		µg/kg wet		20.0		108	70-130		
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3,5-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Vinyl chloride	25.4		µg/kg wet		20.0		127	70-130		
m,p-Xylene	20.0	QC1	µg/kg wet		40.0		50.0	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	21.3		µg/kg wet		20.0		106	70-130		
Ethyl ether	21.8		µg/kg wet		20.0		109	64.9-123		
Tert-amyl methyl ether	22.9		µg/kg wet		20.0		114	70-130		
Ethyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130		
Di-isopropyl ether	22.6		µg/kg wet		20.0		113	70-130		
Tert-Butanol / butyl alcohol	20.3	QC1	µg/kg wet		200		10.2	70-130		
1,4-Dioxane	204		µg/kg wet		200		102	40-134		
Surrogate: 4-Bromofluorobenzene	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*54.0*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS Dup (6120786-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120786 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130	0.00	25
Acetone	22.6	QC1	µg/kg wet		20.0		113	3.31-159	80.7	50
Acrylonitrile	22.7		µg/kg wet		20.0		114	70-130	5.41	25
Benzene	22.5		µg/kg wet		20.0		112	70-130	0.889	25
Bromobenzene	20.5		µg/kg wet		20.0		102	70-130	2.99	25
Bromochloromethane	22.8		µg/kg wet		20.0		114	70-130	3.57	25
Bromodichloromethane	23.4		µg/kg wet		20.0		117	70-130	0.00	25
Bromoform	21.2		µg/kg wet		20.0		106	70-130	5.83	25
Bromomethane	23.4		µg/kg wet		20.0		117	50-140	1.72	50
2-Butanone (MEK)	18.5		µg/kg wet		20.0		92.5	47.7-127	7.28	50
n-Butylbenzene	18.0		µg/kg wet		20.0		90.0	70-130	6.97	25
sec-Butylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	0.00	25
tert-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.995	25
Carbon disulfide	22.6		µg/kg wet		20.0		113	70-130	0.00	25
Carbon tetrachloride	21.9		µg/kg wet		20.0		110	70-130	0.00	25
Chlorobenzene	20.3		µg/kg wet		20.0		102	70-130	2.99	25
Chloroethane	22.9		µg/kg wet		20.0		114	55.9-135	0.00	50
Chloroform	22.7		µg/kg wet		20.0		114	70-130	1.74	25
Chloromethane	22.1		µg/kg wet		20.0		110	70-130	0.905	25
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	1.01	25
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130	1.98	25
1,2-Dibromo-3-chloropropane	22.8		µg/kg wet		20.0		114	70-130	3.57	25
Dibromochloromethane	21.9		µg/kg wet		20.0		110	72-125	2.76	50
1,2-Dibromoethane (EDB)	23.2		µg/kg wet		20.0		116	70-130	3.51	25
Dibromomethane	23.4		µg/kg wet		20.0		117	70-130	3.48	25
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96.5	70-130	5.54	25
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	0.506	25
1,4-Dichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130	4.60	25
Dichlorodifluoromethane (Freon12)	22.2		µg/kg wet		20.0		111	42.3-190	0.897	50
1,1-Dichloroethane	23.2		µg/kg wet		20.0		116	70-130	0.866	25
1,2-Dichloroethane	23.1		µg/kg wet		20.0		116	70-130	0.00	25
1,1-Dichloroethene	22.7		µg/kg wet		20.0		114	70-130	0.881	25
cis-1,2-Dichloroethene	23.1		µg/kg wet		20.0		116	70-130	0.858	25
trans-1,2-Dichloroethene	22.5		µg/kg wet		20.0		112	70-130	0.00	25
1,2-Dichloropropane	23.5		µg/kg wet		20.0		118	70-130	3.45	25
1,3-Dichloropropane	22.9		µg/kg wet		20.0		114	70-130	1.77	25
2,2-Dichloropropane	24.0		µg/kg wet		20.0		120	70-130	0.830	25
1,1-Dichloropropene	22.8		µg/kg wet		20.0		114	70-130	0.00	25
cis-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130	0.948	25
trans-1,3-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	1.87	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	1.50	25
Hexachlorobutadiene	16.0		µg/kg wet		20.0		80.0	70-137	6.06	50
2-Hexanone (MBK)	22.8		µg/kg wet		20.0		114	70-130	9.17	25
Isopropylbenzene	19.6		µg/kg wet		20.0		98.0	70-130	1.03	25
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98.0	70-130	4.98	25
Methyl tert-butyl ether	23.1		µg/kg wet		20.0		116	70-130	4.41	25
4-Methyl-2-pentanone (MIBK)	24.5		µg/kg wet		20.0		122	48.5-127	10.3	50
Methylene chloride	21.2		µg/kg wet		20.0		106	70-130	0.948	25
Naphthalene	22.1		µg/kg wet		20.0		110	70-130	2.69	25
n-Propylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	1.02	25
Styrene	20.9		µg/kg wet		20.0		104	70-130	0.00	25
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	1.94	25
1,1,2,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	3.85	25
Tetrachloroethene	21.5		µg/kg wet		20.0		108	70-130	0.922	25
Toluene	22.3		µg/kg wet		20.0		112	70-130	0.897	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120786 - SW846 5035A Soil (low level)										
LCS Dup (6120786-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130	3.02	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		91.5	70-130	7.37	25
1,1,1-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130	0.00	25
1,1,2-Trichloroethane	23.7		µg/kg wet		20.0		118	70-130	2.58	25
Trichloroethene	21.6		µg/kg wet		20.0		108	70-130	0.00	25
Trichlorofluoromethane (Freon 11)	23.2		µg/kg wet		20.0		116	66.5-144	1.74	50
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130	3.64	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	1.01	25
1,3,5-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.00	25
Vinyl chloride	23.8		µg/kg wet		20.0		119	70-130	6.50	25
m,p-Xylene	40.5	QR5	µg/kg wet		40.0		101	70-130	67.5	25
o-Xylene	21.0		µg/kg wet		20.0		105	70-130	0.957	25
Tetrahydrofuran	21.9		µg/kg wet		20.0		110	70-130	3.70	25
Ethyl ether	22.4		µg/kg wet		20.0		112	64.9-123	2.71	50
Tert-amyl methyl ether	23.5		µg/kg wet		20.0		118	70-130	3.45	25
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Di-isopropyl ether	23.2		µg/kg wet		20.0		116	70-130	2.62	25
Tert-Butanol / butyl alcohol	207	QR5	µg/kg wet		200		104	70-130	164	25
1,4-Dioxane	220		µg/kg wet		200		110	40-134	7.55	25
Surrogate: 4-Bromofluorobenzene	*52.3*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.2*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*54.6*		µg/kg wet		*50.0*		*109*	*70-130*		
Batch 6120856 - SW846 5035A Soil (low level)										
Blank (6120856-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120856 - SW846 5035A Soil (low level)										
Blank (6120856-BLK1)										
Prepared & Analyzed: 12-Dec-06										
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.9*		µg/kg wet		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS (6120856-BS1)										
Prepared & Analyzed: 12-Dec-06										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120856 - SW846 5035A Soil (low level)										
LCS (6120856-BS1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/kg wet		20.0		96.5	70-130		
Acetone	4.3		µg/kg wet		20.0		21.5	3.31-159		
Acrylonitrile	15.8		µg/kg wet		20.0		79.0	70-130		
Benzene	18.4		µg/kg wet		20.0		92.0	70-130		
Bromobenzene	21.3		µg/kg wet		20.0		106	70-130		
Bromochloromethane	19.9		µg/kg wet		20.0		99.5	70-130		
Bromodichloromethane	18.6		µg/kg wet		20.0		93.0	70-130		
Bromoform	20.5		µg/kg wet		20.0		102	70-130		
Bromomethane	18.9		µg/kg wet		20.0		94.5	50-140		
2-Butanone (MEK)	11.4		µg/kg wet		20.0		57.0	47.7-127		
n-Butylbenzene	18.3		µg/kg wet		20.0		91.5	70-130		
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Carbon disulfide	17.9		µg/kg wet		20.0		89.5	70-130		
Carbon tetrachloride	18.0		µg/kg wet		20.0		90.0	70-130		
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
Chloroethane	20.6		µg/kg wet		20.0		103	55.9-135		
Chloroform	17.0		µg/kg wet		20.0		85.0	70-130		
Chloromethane	15.6		µg/kg wet		20.0		78.0	70-130		
2-Chlorotoluene	23.4		µg/kg wet		20.0		117	70-130		
4-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	20.2		µg/kg wet		20.0		101	70-130		
Dibromochloromethane	19.3		µg/kg wet		20.0		96.5	72-125		
1,2-Dibromoethane (EDB)	18.6		µg/kg wet		20.0		93.0	70-130		
Dibromomethane	17.1		µg/kg wet		20.0		85.5	70-130		
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	22.0		µg/kg wet		20.0		110	42.3-190		
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89.0	70-130		
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85.5	70-130		
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88.0	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95.0	70-130		
1,2-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130		
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130		
2,2-Dichloropropane	16.5		µg/kg wet		20.0		82.5	70-130		
1,1-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		93.5	70-130		
trans-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87.0	70-130		
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.5		µg/kg wet		20.0		97.5	70-137		
2-Hexanone (MBK)	11.5	QC1	µg/kg wet		20.0		57.5	70-130		
Isopropylbenzene	20.8		µg/kg wet		20.0		104	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98.0	70-130		
Methyl tert-butyl ether	17.6		µg/kg wet		20.0		88.0	70-130		
4-Methyl-2-pentanone (MIBK)	12.0		µg/kg wet		20.0		60.0	48.5-127		
Methylene chloride	18.5		µg/kg wet		20.0		92.5	70-130		
Naphthalene	21.9		µg/kg wet		20.0		110	70-130		
n-Propylbenzene	23.2		µg/kg wet		20.0		116	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120856 - SW846 5035A Soil (low level)										
LCS (6120856-BS1)										
Prepared & Analyzed: 12-Dec-06										
Tetrachloroethene	17.9		µg/kg wet		20.0		89.5	70-130		
Toluene	17.4		µg/kg wet		20.0		87.0	70-130		
1,2,3-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,1,1-Trichloroethane	18.0		µg/kg wet		20.0		90.0	70-130		
1,1,2-Trichloroethane	18.8		µg/kg wet		20.0		94.0	70-130		
Trichloroethene	18.7		µg/kg wet		20.0		93.5	70-130		
Trichlorofluoromethane (Freon 11)	18.7		µg/kg wet		20.0		93.5	66.5-144		
1,2,3-Trichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Vinyl chloride	20.8		µg/kg wet		20.0		104	70-130		
m,p-Xylene	44.5		µg/kg wet		40.0		111	70-130		
o-Xylene	22.5		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	15.5		µg/kg wet		20.0		77.5	70-130		
Ethyl ether	18.9		µg/kg wet		20.0		94.5	64.9-123		
Tert-amyl methyl ether	15.3		µg/kg wet		20.0		76.5	70-130		
Ethyl tert-butyl ether	17.4		µg/kg wet		20.0		87.0	70-130		
Di-isopropyl ether	14.4		µg/kg wet		20.0		72.0	70-130		
Tert-Butanol / butyl alcohol	142		µg/kg wet		200		71.0	70-130		
1,4-Dioxane	169		µg/kg wet		200		84.5	40-134		
Surrogate: 4-Bromofluorobenzene	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/kg wet		*50.0*		*93.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*51.7*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (6120856-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.3		µg/kg wet		20.0		102	70-130	5.54	25
Acetone	0.0	QC1	µg/kg wet		20.0			3.31-159		50
Acrylonitrile	17.8		µg/kg wet		20.0		89.0	70-130	11.9	25
Benzene	18.5		µg/kg wet		20.0		92.5	70-130	0.542	25
Bromobenzene	22.3		µg/kg wet		20.0		112	70-130	5.50	25
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130	5.38	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92.0	70-130	1.08	25
Bromoform	21.9		µg/kg wet		20.0		110	70-130	7.55	25
Bromomethane	18.8		µg/kg wet		20.0		94.0	50-140	0.531	50
2-Butanone (MEK)	12.2		µg/kg wet		20.0		61.0	47.7-127	6.78	50
n-Butylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	1.63	25
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130	1.83	25
tert-Butylbenzene	22.9		µg/kg wet		20.0		114	70-130	0.873	25
Carbon disulfide	17.5		µg/kg wet		20.0		87.5	70-130	2.26	25
Carbon tetrachloride	17.3		µg/kg wet		20.0		86.5	70-130	3.97	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	3.70	25
Chloroethane	20.4		µg/kg wet		20.0		102	55.9-135	0.976	50
Chloroform	16.6		µg/kg wet		20.0		83.0	70-130	2.38	25
Chloromethane	15.1		µg/kg wet		20.0		75.5	70-130	3.26	25
2-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130	8.00	25
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130	3.70	25
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92.0	70-130	9.33	25
Dibromochloromethane	19.2		µg/kg wet		20.0		96.0	72-125	0.519	50
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		99.5	70-130	6.75	25
Dibromomethane	19.0		µg/kg wet		20.0		95.0	70-130	10.5	25
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	0.00	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120856 - SW846 5035A Soil (low level)										
LCS Dup (6120856-BSD1)										
Prepared & Analyzed: 12-Dec-06										
1,3-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	5.41	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	0.00	25
Dichlorodifluoromethane (Freon12)	21.6		µg/kg wet		20.0		108	42.3-190	1.83	50
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90.0	70-130	1.12	25
1,2-Dichloroethane	16.9		µg/kg wet		20.0		84.5	70-130	1.18	25
1,1-Dichloroethene	17.8		µg/kg wet		20.0		89.0	70-130	1.13	25
cis-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	4.00	25
trans-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95.0	70-130	0.00	25
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130	1.08	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	3.96	25
2,2-Dichloropropane	16.8		µg/kg wet		20.0		84.0	70-130	1.80	25
1,1-Dichloropropene	18.3		µg/kg wet		20.0		91.5	70-130	7.37	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130	1.59	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130	8.79	25
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130	1.98	25
Hexachlorobutadiene	19.1		µg/kg wet		20.0		95.5	70-137	2.07	50
2-Hexanone (MBK)	15.0	QR5	µg/kg wet		20.0		75.0	70-130	26.4	25
Isopropylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.00	25
4-Isopropyltoluene	19.9		µg/kg wet		20.0		99.5	70-130	1.52	25
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92.5	70-130	4.99	25
4-Methyl-2-pentanone (MIBK)	20.7	QR5	µg/kg wet		20.0		104	48.5-127	53.7	50
Methylene chloride	19.2		µg/kg wet		20.0		96.0	70-130	3.71	25
Naphthalene	20.4		µg/kg wet		20.0		102	70-130	7.55	25
n-Propylbenzene	22.1		µg/kg wet		20.0		110	70-130	5.31	25
Styrene	22.1		µg/kg wet		20.0		110	70-130	0.905	25
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	0.966	25
1,1,2,2-Tetrachloroethane	22.4		µg/kg wet		20.0		112	70-130	3.64	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95.0	70-130	5.96	25
Toluene	18.9		µg/kg wet		20.0		94.5	70-130	8.26	25
1,2,3-Trichlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130	8.35	25
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130	7.56	25
1,1,1-Trichloroethane	17.9		µg/kg wet		20.0		89.5	70-130	0.557	25
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	6.19	25
Trichloroethene	18.6		µg/kg wet		20.0		93.0	70-130	0.536	25
Trichlorofluoromethane (Freon 11)	17.6		µg/kg wet		20.0		88.0	66.5-144	6.06	50
1,2,3-Trichloropropane	23.6		µg/kg wet		20.0		118	70-130	11.7	25
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
Vinyl chloride	20.0		µg/kg wet		20.0		100	70-130	3.92	25
m,p-Xylene	42.8		µg/kg wet		40.0		107	70-130	3.67	25
o-Xylene	22.3		µg/kg wet		20.0		112	70-130	0.00	25
Tetrahydrofuran	17.6		µg/kg wet		20.0		88.0	70-130	12.7	25
Ethyl ether	18.4		µg/kg wet		20.0		92.0	64.9-123	2.68	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97.0	70-130	23.6	25
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		94.5	70-130	8.26	25
Di-isopropyl ether	15.4		µg/kg wet		20.0		77.0	70-130	6.71	25
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79.0	70-130	10.7	25
1,4-Dioxane	171		µg/kg wet		200		85.5	40-134	1.18	25
Surrogate: 4-Bromofluorobenzene	*54.9*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/kg wet		*50.0*		*98.2*	*70-130*		
Matrix Spike (6120856-MS1)	**Source: SA55238-20**									

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120856 - SW846 5035A Soil (low level)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Benzene	13.1	QM7	µg/kg dry		20.0	BRL	65.5	70-130		
Chlorobenzene	17.7		µg/kg dry		20.0	BRL	88.5	70-130		
1,1-Dichloroethene	9.7	QM7	µg/kg dry		20.0	BRL	48.5	70-130		
Toluene	14.6		µg/kg dry		20.0	BRL	73.0	70-130		
Trichloroethene	13.6	QM7	µg/kg dry		20.0	BRL	68.0	70-130		
Surrogate: 4-Bromofluorobenzene	*53.6*		µg/kg dry		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/kg dry		*50.0*		*99.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.6*		µg/kg dry		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg dry		*50.0*		*100*	*70-130*		
Matrix Spike Dup (6120856-MSD1) **Source: SA55238-20**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Benzene	14.0		µg/kg dry		20.0	BRL	70.0	70-130	6.64	30
Chlorobenzene	16.9		µg/kg dry		20.0	BRL	84.5	70-130	4.62	30
1,1-Dichloroethene	10.6	QM7	µg/kg dry		20.0	BRL	53.0	70-130	8.87	30
Toluene	14.0		µg/kg dry		20.0	BRL	70.0	70-130	4.20	30
Trichloroethene	14.6		µg/kg dry		20.0	BRL	73.0	70-130	7.09	30
Surrogate: 4-Bromofluorobenzene	*55.0*		µg/kg dry		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/kg dry		*50.0*		*96.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.9*		µg/kg dry		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*53.6*		µg/kg dry		*50.0*		*107*	*70-130*		
Batch 6120926 - SW846 5035A Soil (low level)										
Blank (6120926-BLK1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120926 - SW846 5035A Soil (low level)										
Blank (6120926-BLK1)										
Prepared & Analyzed: 13-Dec-06										
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.9*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*52.5*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (6120926-BS1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96.0	70-130		
Acetone	0.0	QC1	µg/kg wet		20.0			3.31-159		
Acrylonitrile	15.8		µg/kg wet		20.0		79.0	70-130		
Benzene	18.0		µg/kg wet		20.0		90.0	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120926 - SW846 5035A Soil (low level)										
LCS (6120926-BS1)										
Prepared & Analyzed: 13-Dec-06										
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130		
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromodichloromethane	17.3		µg/kg wet		20.0		86.5	70-130		
Bromoform	21.1		µg/kg wet		20.0		106	70-130		
Bromomethane	16.3		µg/kg wet		20.0		81.5	50-140		
2-Butanone (MEK)	12.9		µg/kg wet		20.0		64.5	47.7-127		
n-Butylbenzene	19.5		µg/kg wet		20.0		97.5	70-130		
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Carbon disulfide	16.7		µg/kg wet		20.0		83.5	70-130		
Carbon tetrachloride	16.8		µg/kg wet		20.0		84.0	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Chloroethane	18.0		µg/kg wet		20.0		90.0	55.9-135		
Chloroform	15.9		µg/kg wet		20.0		79.5	70-130		
Chloromethane	14.3		µg/kg wet		20.0		71.5	70-130		
2-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130		
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	19.7		µg/kg wet		20.0		98.5	70-130		
Dibromochloromethane	17.9		µg/kg wet		20.0		89.5	72-125		
1,2-Dibromoethane (EDB)	19.5		µg/kg wet		20.0		97.5	70-130		
Dibromomethane	17.5		µg/kg wet		20.0		87.5	70-130		
1,2-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	21.0		µg/kg wet		20.0		105	42.3-190		
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,2-Dichloroethane	15.8		µg/kg wet		20.0		79.0	70-130		
1,1-Dichloroethene	17.2		µg/kg wet		20.0		86.0	70-130		
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92.0	70-130		
1,2-Dichloropropane	17.4		µg/kg wet		20.0		87.0	70-130		
1,3-Dichloropropane	19.2		µg/kg wet		20.0		96.0	70-130		
2,2-Dichloropropane	16.4		µg/kg wet		20.0		82.0	70-130		
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89.0	70-130		
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130		
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93.0	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Hexachlorobutadiene	18.5		µg/kg wet		20.0		92.5	70-137		
2-Hexanone (MBK)	14.3		µg/kg wet		20.0		71.5	70-130		
Isopropylbenzene	19.9		µg/kg wet		20.0		99.5	70-130		
4-Isopropyltoluene	20.2		µg/kg wet		20.0		101	70-130		
Methyl tert-butyl ether	17.8		µg/kg wet		20.0		89.0	70-130		
4-Methyl-2-pentanone (MIBK)	19.0		µg/kg wet		20.0		95.0	48.5-127		
Methylene chloride	15.7		µg/kg wet		20.0		78.5	70-130		
Naphthalene	21.0		µg/kg wet		20.0		105	70-130		
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Styrene	21.6		µg/kg wet		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
Tetrachloroethene	17.2		µg/kg wet		20.0		86.0	70-130		
Toluene	18.1		µg/kg wet		20.0		90.5	70-130		
1,2,3-Trichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
1,2,4-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120926 - SW846 5035A Soil (low level)										
LCS (6120926-BS1)										
Prepared & Analyzed: 13-Dec-06										
1,1,1-Trichloroethane	17.9		µg/kg wet		20.0		89.5	70-130		
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
Trichloroethene	17.6		µg/kg wet		20.0		88.0	70-130		
Trichlorofluoromethane (Freon 11)	17.4		µg/kg wet		20.0		87.0	66.5-144		
1,2,3-Trichloropropane	23.4		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	19.6		µg/kg wet		20.0		98.0	70-130		
m,p-Xylene	42.1		µg/kg wet		40.0		105	70-130		
o-Xylene	21.7		µg/kg wet		20.0		108	70-130		
Tetrahydrofuran	14.0		µg/kg wet		20.0		70.0	70-130		
Ethyl ether	17.6		µg/kg wet		20.0		88.0	64.9-123		
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130		
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90.0	70-130		
Di-isopropyl ether	15.0		µg/kg wet		20.0		75.0	70-130		
Tert-Butanol / butyl alcohol	157		µg/kg wet		200		78.5	70-130		
1,4-Dioxane	181		µg/kg wet		200		90.5	40-134		
Surrogate: 4-Bromofluorobenzene	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*48.6*		µg/kg wet		*50.0*		*97.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.4*		µg/kg wet		*50.0*		*92.8*	*70-130*		
Surrogate: Dibromofluoromethane	*47.0*		µg/kg wet		*50.0*		*94.0*	*70-130*		
LCS Dup (6120926-BSD1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.9		µg/kg wet		20.0		99.5	70-130	3.58	25
Acetone	1.5		µg/kg wet		20.0		7.50	3.31-159		50
Acrylonitrile	14.9		µg/kg wet		20.0		74.5	70-130	5.86	25
Benzene	17.9		µg/kg wet		20.0		89.5	70-130	0.557	25
Bromobenzene	21.1		µg/kg wet		20.0		106	70-130	0.948	25
Bromochloromethane	19.1		µg/kg wet		20.0		95.5	70-130	5.60	25
Bromodichloromethane	18.5		µg/kg wet		20.0		92.5	70-130	6.70	25
Bromoform	21.1		µg/kg wet		20.0		106	70-130	0.00	25
Bromomethane	18.4		µg/kg wet		20.0		92.0	50-140	12.1	50
2-Butanone (MEK)	11.1		µg/kg wet		20.0		55.5	47.7-127	15.0	50
n-Butylbenzene	19.6		µg/kg wet		20.0		98.0	70-130	0.512	25
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.922	25
tert-Butylbenzene	22.3		µg/kg wet		20.0		112	70-130	3.64	25
Carbon disulfide	19.9		µg/kg wet		20.0		99.5	70-130	17.5	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90.5	70-130	7.45	25
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	5.38	25
Chloroethane	18.7		µg/kg wet		20.0		93.5	55.9-135	3.81	50
Chloroform	17.1		µg/kg wet		20.0		85.5	70-130	7.27	25
Chloromethane	15.1		µg/kg wet		20.0		75.5	70-130	5.44	25
2-Chlorotoluene	22.5		µg/kg wet		20.0		112	70-130	5.50	25
4-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130	1.90	25
1,2-Dibromo-3-chloropropane	18.8		µg/kg wet		20.0		94.0	70-130	4.68	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94.0	72-125	4.90	50
1,2-Dibromoethane (EDB)	18.1		µg/kg wet		20.0		90.5	70-130	7.45	25
Dibromomethane	18.4		µg/kg wet		20.0		92.0	70-130	5.01	25
1,2-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	3.92	25
1,3-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	0.922	25
1,4-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	0.00	25
Dichlorodifluoromethane (Freon12)	17.7		µg/kg wet		20.0		88.5	42.3-190	17.1	50
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88.0	70-130	2.30	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120926 - SW846 5035A Soil (low level)										
LCS Dup (6120926-BSD1)										
Prepared & Analyzed: 13-Dec-06										
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	1.88	25
1,1-Dichloroethene	17.7		µg/kg wet		20.0		88.5	70-130	2.87	25
cis-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96.5	70-130	6.97	25
trans-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130	6.32	25
1,2-Dichloropropane	18.2		µg/kg wet		20.0		91.0	70-130	4.49	25
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98.0	70-130	2.06	25
2,2-Dichloropropane	17.1		µg/kg wet		20.0		85.5	70-130	4.18	25
1,1-Dichloropropene	18.7		µg/kg wet		20.0		93.5	70-130	4.93	25
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90.0	70-130	1.10	25
trans-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90.5	70-130	2.72	25
Ethylbenzene	19.9		µg/kg wet		20.0		99.5	70-130	0.504	25
Hexachlorobutadiene	19.9		µg/kg wet		20.0		99.5	70-137	7.29	50
2-Hexanone (MBK)	11.6	QC1	µg/kg wet		20.0		58.0	70-130	20.8	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	0.504	25
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130	0.995	25
Methyl tert-butyl ether	17.8		µg/kg wet		20.0		89.0	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87.0	48.5-127	8.79	50
Methylene chloride	17.2		µg/kg wet		20.0		86.0	70-130	9.12	25
Naphthalene	22.1		µg/kg wet		20.0		110	70-130	4.65	25
n-Propylbenzene	22.0		µg/kg wet		20.0		110	70-130	1.83	25
Styrene	21.7		µg/kg wet		20.0		108	70-130	0.00	25
1,1,1,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130	1.83	25
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130	2.82	25
Tetrachloroethene	17.1		µg/kg wet		20.0		85.5	70-130	0.583	25
Toluene	17.1		µg/kg wet		20.0		85.5	70-130	5.68	25
1,2,3-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	8.19	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,1,1-Trichloroethane	18.8		µg/kg wet		20.0		94.0	70-130	4.90	25
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		95.5	70-130	0.525	25
Trichloroethene	18.4		µg/kg wet		20.0		92.0	70-130	4.44	25
Trichlorofluoromethane (Freon 11)	17.5		µg/kg wet		20.0		87.5	66.5-144	0.573	50
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130	9.87	25
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	1.90	25
1,3,5-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	0.957	25
Vinyl chloride	20.2		µg/kg wet		20.0		101	70-130	3.02	25
m,p-Xylene	42.8		µg/kg wet		40.0		107	70-130	1.89	25
o-Xylene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Tetrahydrofuran	15.5		µg/kg wet		20.0		77.5	70-130	10.2	25
Ethyl ether	17.6		µg/kg wet		20.0		88.0	64.9-123	0.00	50
Tert-amyl methyl ether	16.1		µg/kg wet		20.0		80.5	70-130	22.6	25
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90.0	70-130	0.00	25
Di-isopropyl ether	14.4		µg/kg wet		20.0		72.0	70-130	4.08	25
Tert-Butanol / butyl alcohol	152		µg/kg wet		200		76.0	70-130	3.24	25
1,4-Dioxane	189		µg/kg wet		200		94.5	40-134	4.32	25
Surrogate: 4-Bromofluorobenzene	*54.0*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*47.5*		µg/kg wet		*50.0*		*95.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98.4*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 6120965 - SW846 5030 Soil (high level)										
Blank (6120965-BLK1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120965 - SW846 5030 Soil (high level)										
Blank (6120965-BLK1)										
Prepared & Analyzed: 13-Dec-06										
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120965 - SW846 5030 Soil (high level)										
Blank (6120965-BLK1)										
Prepared & Analyzed: 13-Dec-06										
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.5*		µg/kg wet		*30.0*		*95.0*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
LCS (6120965-BS1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.1		µg/kg wet		20.0		80.5	70-130		
Acetone	16.1		µg/kg wet		20.0		80.5	3.31-159		
Acrylonitrile	18.2		µg/kg wet		20.0		91.0	70-130		
Benzene	18.2		µg/kg wet		20.0		91.0	70-130		
Bromobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	19.3		µg/kg wet		20.0		96.5	70-130		
Bromoform	16.4		µg/kg wet		20.0		82.0	70-130		
Bromomethane	17.0		µg/kg wet		20.0		85.0	50-140		
2-Butanone (MEK)	21.0		µg/kg wet		20.0		105	47.7-127		
n-Butylbenzene	13.7	QC1	µg/kg wet		20.0		68.5	70-130		
sec-Butylbenzene	15.9		µg/kg wet		20.0		79.5	70-130		
tert-Butylbenzene	17.1		µg/kg wet		20.0		85.5	70-130		
Carbon disulfide	17.1		µg/kg wet		20.0		85.5	70-130		
Carbon tetrachloride	15.5		µg/kg wet		20.0		77.5	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Chloroethane	16.0		µg/kg wet		20.0		80.0	55.9-135		
Chloroform	18.7		µg/kg wet		20.0		93.5	70-130		
Chloromethane	14.8		µg/kg wet		20.0		74.0	70-130		
2-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	18.6		µg/kg wet		20.0		93.0	70-130		
1,2-Dibromo-3-chloropropane	18.7		µg/kg wet		20.0		93.5	70-130		
Dibromochloromethane	18.3		µg/kg wet		20.0		91.5	72-125		
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130		
Dibromomethane	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120965 - SW846 5030 Soil (high level)										
LCS (6120965-BS1)										
Prepared & Analyzed: 13-Dec-06										
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		73.5	42.3-190		
1,1-Dichloroethane	17.9		µg/kg wet		20.0		89.5	70-130		
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,1-Dichloroethene	16.3		µg/kg wet		20.0		81.5	70-130		
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92.0	70-130		
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130		
1,3-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	15.4		µg/kg wet		20.0		77.0	70-130		
1,1-Dichloropropene	16.5		µg/kg wet		20.0		82.5	70-130		
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
Ethylbenzene	17.4		µg/kg wet		20.0		87.0	70-130		
Hexachlorobutadiene	16.6		µg/kg wet		20.0		83.0	70-137		
2-Hexanone (MBK)	16.2		µg/kg wet		20.0		81.0	70-130		
Isopropylbenzene	17.1		µg/kg wet		20.0		85.5	70-130		
4-Isopropyltoluene	15.2		µg/kg wet		20.0		76.0	70-130		
Methyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	15.2		µg/kg wet		20.0		76.0	48.5-127		
Methylene chloride	16.9		µg/kg wet		20.0		84.5	70-130		
Naphthalene	20.0		µg/kg wet		20.0		100	70-130		
n-Propylbenzene	15.2		µg/kg wet		20.0		76.0	70-130		
Styrene	19.7		µg/kg wet		20.0		98.5	70-130		
1,1,1,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92.5	70-130		
1,1,2,2-Tetrachloroethane	21.7		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	16.0		µg/kg wet		20.0		80.0	70-130		
Toluene	17.8		µg/kg wet		20.0		89.0	70-130		
1,2,3-Trichlorobenzene	16.3		µg/kg wet		20.0		81.5	70-130		
1,2,4-Trichlorobenzene	15.3		µg/kg wet		20.0		76.5	70-130		
1,1,1-Trichloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,1,2-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
Trichloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
Trichlorofluoromethane (Freon 11)	15.2		µg/kg wet		20.0		76.0	66.5-144		
1,2,3-Trichloropropane	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trimethylbenzene	14.7		µg/kg wet		20.0		73.5	70-130		
1,3,5-Trimethylbenzene	15.4		µg/kg wet		20.0		77.0	70-130		
Vinyl chloride	16.3		µg/kg wet		20.0		81.5	70-130		
m,p-Xylene	37.2		µg/kg wet		40.0		93.0	70-130		
o-Xylene	20.2		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	18.0		µg/kg wet		20.0		90.0	70-130		
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123		
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130		
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99.0	70-130		
Di-isopropyl ether	15.3		µg/kg wet		20.0		76.5	70-130		
Tert-Butanol / butyl alcohol	182		µg/kg wet		200		91.0	70-130		
1,4-Dioxane	185		µg/kg wet		200		92.5	40-134		
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg wet		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
Surrogate: Dibromofluoromethane	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
LCS Dup (6120965-BSD1)										
Prepared & Analyzed: 13-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/kg wet		20.0		99.0	70-130	20.6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120965 - SW846 5030 Soil (high level)										
LCS Dup (6120965-BSD1)										
Prepared & Analyzed: 13-Dec-06										
Acetone	14.9		µg/kg wet		20.0		74.5	3.31-159	7.74	50
Acrylonitrile	16.8		µg/kg wet		20.0		84.0	70-130	8.00	25
Benzene	18.8		µg/kg wet		20.0		94.0	70-130	3.24	25
Bromobenzene	19.5		µg/kg wet		20.0		97.5	70-130	0.512	25
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130	3.88	25
Bromodichloromethane	18.6		µg/kg wet		20.0		93.0	70-130	3.69	25
Bromoform	15.8		µg/kg wet		20.0		79.0	70-130	3.73	25
Bromomethane	17.5		µg/kg wet		20.0		87.5	50-140	2.90	50
2-Butanone (MEK)	15.6		µg/kg wet		20.0		78.0	47.7-127	29.5	50
n-Butylbenzene	15.1		µg/kg wet		20.0		75.5	70-130	9.72	25
sec-Butylbenzene	17.3		µg/kg wet		20.0		86.5	70-130	8.43	25
tert-Butylbenzene	18.2		µg/kg wet		20.0		91.0	70-130	6.23	25
Carbon disulfide	19.6		µg/kg wet		20.0		98.0	70-130	13.6	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90.5	70-130	15.5	25
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	3.58	25
Chloroethane	15.8		µg/kg wet		20.0		79.0	55.9-135	1.26	50
Chloroform	19.0		µg/kg wet		20.0		95.0	70-130	1.59	25
Chloromethane	15.0		µg/kg wet		20.0		75.0	70-130	1.34	25
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130	4.88	25
4-Chlorotoluene	18.8		µg/kg wet		20.0		94.0	70-130	1.07	25
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92.0	70-130	1.62	25
Dibromochloromethane	17.2		µg/kg wet		20.0		86.0	72-125	6.20	50
1,2-Dibromoethane (EDB)	19.3		µg/kg wet		20.0		96.5	70-130	11.2	25
Dibromomethane	19.6		µg/kg wet		20.0		98.0	70-130	7.84	25
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	1.94	25
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130	0.00	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	5.54	25
Dichlorodifluoromethane (Freon12)	18.1		µg/kg wet		20.0		90.5	42.3-190	20.7	50
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94.0	70-130	4.90	25
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90.0	70-130	3.28	25
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88.0	70-130	7.67	25
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130	0.00	25
trans-1,2-Dichloroethene	20.1		µg/kg wet		20.0		100	70-130	8.33	25
1,2-Dichloropropane	18.2		µg/kg wet		20.0		91.0	70-130	1.09	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130	8.35	25
2,2-Dichloropropane	17.1		µg/kg wet		20.0		85.5	70-130	10.5	25
1,1-Dichloropropene	18.9		µg/kg wet		20.0		94.5	70-130	13.6	25
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93.0	70-130	5.24	25
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93.0	70-130	5.74	25
Ethylbenzene	19.0		µg/kg wet		20.0		95.0	70-130	8.79	25
Hexachlorobutadiene	18.1		µg/kg wet		20.0		90.5	70-137	8.65	50
2-Hexanone (MBK)	14.5		µg/kg wet		20.0		72.5	70-130	11.1	25
Isopropylbenzene	18.5		µg/kg wet		20.0		92.5	70-130	7.87	25
4-Isopropyltoluene	17.0		µg/kg wet		20.0		85.0	70-130	11.2	25
Methyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130	7.55	25
4-Methyl-2-pentanone (MIBK)	13.6		µg/kg wet		20.0		68.0	48.5-127	11.1	50
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130	1.79	25
Naphthalene	19.1		µg/kg wet		20.0		95.5	70-130	4.60	25
n-Propylbenzene	16.3		µg/kg wet		20.0		81.5	70-130	6.98	25
Styrene	19.8		µg/kg wet		20.0		99.0	70-130	0.506	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95.0	70-130	2.67	25
1,1,2,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130	5.71	25
Tetrachloroethene	17.4		µg/kg wet		20.0		87.0	70-130	8.38	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120965 - SW846 5030 Soil (high level)										
LCS Dup (6120965-BSD1)										
Prepared & Analyzed: 13-Dec-06										
Toluene	18.1		µg/kg wet		20.0		90.5	70-130	1.67	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82.0	70-130	0.612	25
1,2,4-Trichlorobenzene	15.4		µg/kg wet		20.0		77.0	70-130	0.651	25
1,1,1-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130	13.0	25
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130	7.84	25
Trichloroethene	18.5		µg/kg wet		20.0		92.5	70-130	3.86	25
Trichlorofluoromethane (Freon 11)	18.0		µg/kg wet		20.0		90.0	66.5-144	16.9	50
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130	4.29	25
1,2,4-Trimethylbenzene	14.9		µg/kg wet		20.0		74.5	70-130	1.35	25
1,3,5-Trimethylbenzene	16.0		µg/kg wet		20.0		80.0	70-130	3.82	25
Vinyl chloride	18.6		µg/kg wet		20.0		93.0	70-130	13.2	25
m,p-Xylene	39.6		µg/kg wet		40.0		99.0	70-130	6.25	25
o-Xylene	20.7		µg/kg wet		20.0		104	70-130	2.93	25
Tetrahydrofuran	15.8		µg/kg wet		20.0		79.0	70-130	13.0	25
Ethyl ether	18.3		µg/kg wet		20.0		91.5	64.9-123	2.70	50
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95.0	70-130	6.12	25
Ethyl tert-butyl ether	18.8		µg/kg wet		20.0		94.0	70-130	5.18	25
Di-isopropyl ether	15.0		µg/kg wet		20.0		75.0	70-130	1.98	25
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		85.5	70-130	6.23	25
1,4-Dioxane	197		µg/kg wet		200		98.5	40-134	6.28	25
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/kg wet		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/kg wet		*30.0*		*89.7*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Matrix Spike (6120965-MS1) **Source: SA55330-18**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Benzene	22.1		µg/kg dry		20.0	BRL	110	70-130		
Chlorobenzene	23.6		µg/kg dry		20.0	BRL	118	70-130		
1,1-Dichloroethene	17.7		µg/kg dry		20.0	BRL	88.5	70-130		
Toluene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Trichloroethene	22.7		µg/kg dry		20.0	BRL	114	70-130		
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg dry		*30.0*		*94.0*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg dry		*30.0*		*102*	*70-130*		
Matrix Spike Dup (6120965-MSD1) **Source: SA55330-18**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Benzene	20.9		µg/kg dry		20.0	BRL	104	70-130	5.61	30
Chlorobenzene	22.4		µg/kg dry		20.0	BRL	112	70-130	5.22	30
1,1-Dichloroethene	19.2		µg/kg dry		20.0	BRL	96.0	70-130	8.13	30
Toluene	21.4		µg/kg dry		20.0	BRL	107	70-130	4.57	30
Trichloroethene	21.2		µg/kg dry		20.0	BRL	106	70-130	7.27	30
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg dry		*30.0*		*99.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/kg dry		*30.0*		*89.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg dry		*30.0*		*96.7*	*70-130*		
Batch 6121038 - SW846 5030 Soil (high level)										
Blank (6121038-BLK1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121038 - SW846 5030 Soil (high level)										
Blank (6121038-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121038 - SW846 5030 Soil (high level)										
Blank (6121038-BLK1)										
Prepared & Analyzed: 14-Dec-06										
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg wet		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/kg wet		*30.0*		*83.7*	*70-130*		
Surrogate: Dibromofluoromethane	*28.7*		µg/kg wet		*30.0*		*95.7*	*70-130*		
LCS (6121038-BS1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.3		µg/kg wet		20.0		86.5	70-130		
Acetone	15.0		µg/kg wet		20.0		75.0	3.31-159		
Acrylonitrile	17.8		µg/kg wet		20.0		89.0	70-130		
Benzene	18.0		µg/kg wet		20.0		90.0	70-130		
Bromobenzene	20.1		µg/kg wet		20.0		100	70-130		
Bromochloromethane	19.2		µg/kg wet		20.0		96.0	70-130		
Bromodichloromethane	17.6		µg/kg wet		20.0		88.0	70-130		
Bromoform	15.4		µg/kg wet		20.0		77.0	70-130		
Bromomethane	16.3		µg/kg wet		20.0		81.5	50-140		
2-Butanone (MEK)	18.5		µg/kg wet		20.0		92.5	47.7-127		
n-Butylbenzene	18.6		µg/kg wet		20.0		93.0	70-130		
sec-Butylbenzene	17.0		µg/kg wet		20.0		85.0	70-130		
tert-Butylbenzene	18.2		µg/kg wet		20.0		91.0	70-130		
Carbon disulfide	14.8		µg/kg wet		20.0		74.0	70-130		
Carbon tetrachloride	16.6		µg/kg wet		20.0		83.0	70-130		
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
Chloroethane	14.5		µg/kg wet		20.0		72.5	55.9-135		
Chloroform	17.1		µg/kg wet		20.0		85.5	70-130		
Chloromethane	15.7		µg/kg wet		20.0		78.5	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
4-Chlorotoluene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2-Dibromo-3-chloropropane	18.6		µg/kg wet		20.0		93.0	70-130		
Dibromochloromethane	17.9		µg/kg wet		20.0		89.5	72-125		
1,2-Dibromoethane (EDB)	22.0		µg/kg wet		20.0		110	70-130		
Dibromomethane	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
1,4-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Dichlorodifluoromethane (Freon12)	17.3		µg/kg wet		20.0		86.5	42.3-190		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121038 - SW846 5030 Soil (high level)										
LCS (6121038-BS1)										
Prepared & Analyzed: 14-Dec-06										
1,1-Dichloroethane	16.6		µg/kg wet		20.0		83.0	70-130		
1,2-Dichloroethane	17.5		µg/kg wet		20.0		87.5	70-130		
1,1-Dichloroethene	16.4		µg/kg wet		20.0		82.0	70-130		
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130		
trans-1,2-Dichloroethene	18.1		µg/kg wet		20.0		90.5	70-130		
1,2-Dichloropropane	17.1		µg/kg wet		20.0		85.5	70-130		
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	16.8		µg/kg wet		20.0		84.0	70-130		
1,1-Dichloropropene	17.2		µg/kg wet		20.0		86.0	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		93.5	70-130		
trans-1,3-Dichloropropene	19.5		µg/kg wet		20.0		97.5	70-130		
Ethylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
Hexachlorobutadiene	17.3		µg/kg wet		20.0		86.5	70-137		
2-Hexanone (MBK)	15.6		µg/kg wet		20.0		78.0	70-130		
Isopropylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
4-Isopropyltoluene	15.6		µg/kg wet		20.0		78.0	70-130		
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99.0	70-130		
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75.0	48.5-127		
Methylene chloride	17.0		µg/kg wet		20.0		85.0	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88.5	70-130		
n-Propylbenzene	16.0		µg/kg wet		20.0		80.0	70-130		
Styrene	19.7		µg/kg wet		20.0		98.5	70-130		
1,1,1,2-Tetrachloroethane	18.2		µg/kg wet		20.0		91.0	70-130		
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	17.7		µg/kg wet		20.0		88.5	70-130		
Toluene	18.4		µg/kg wet		20.0		92.0	70-130		
1,2,3-Trichlorobenzene	15.0		µg/kg wet		20.0		75.0	70-130		
1,2,4-Trichlorobenzene	14.1		µg/kg wet		20.0		70.5	70-130		
1,1,1-Trichloroethane	18.2		µg/kg wet		20.0		91.0	70-130		
1,1,2-Trichloroethane	21.1		µg/kg wet		20.0		106	70-130		
Trichloroethene	18.0		µg/kg wet		20.0		90.0	70-130		
Trichlorofluoromethane (Freon 11)	16.1		µg/kg wet		20.0		80.5	66.5-144		
1,2,3-Trichloropropane	24.8		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	14.0		µg/kg wet		20.0		70.0	70-130		
1,3,5-Trimethylbenzene	15.2		µg/kg wet		20.0		76.0	70-130		
Vinyl chloride	16.8		µg/kg wet		20.0		84.0	70-130		
m,p-Xylene	38.9		µg/kg wet		40.0		97.2	70-130		
o-Xylene	20.6		µg/kg wet		20.0		103	70-130		
Tetrahydrofuran	16.6		µg/kg wet		20.0		83.0	70-130		
Ethyl ether	17.2		µg/kg wet		20.0		86.0	64.9-123		
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95.0	70-130		
Ethyl tert-butyl ether	18.2		µg/kg wet		20.0		91.0	70-130		
Di-isopropyl ether	14.3		µg/kg wet		20.0		71.5	70-130		
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130		
1,4-Dioxane	204		µg/kg wet		200		102	40-134		
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/kg wet		*30.0*		*88.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg wet		*30.0*		*96.7*	*70-130*		
LCS Dup (6121038-BSD1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.9		µg/kg wet		20.0		79.5	70-130	8.43	25
Acetone	14.3		µg/kg wet		20.0		71.5	3.31-159	4.78	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121038 - SW846 5030 Soil (high level)										
LCS Dup (6121038-BSD1)										
Prepared & Analyzed: 14-Dec-06										
Acrylonitrile	17.2		µg/kg wet		20.0		86.0	70-130	3.43	25
Benzene	17.3		µg/kg wet		20.0		86.5	70-130	3.97	25
Bromobenzene	18.8		µg/kg wet		20.0		94.0	70-130	6.19	25
Bromochloromethane	19.3		µg/kg wet		20.0		96.5	70-130	0.519	25
Bromodichloromethane	17.8		µg/kg wet		20.0		89.0	70-130	1.13	25
Bromoform	15.1		µg/kg wet		20.0		75.5	70-130	1.97	25
Bromomethane	16.5		µg/kg wet		20.0		82.5	50-140	1.22	50
2-Butanone (MEK)	8.0	QC1	µg/kg wet		20.0		40.0	47.7-127	79.2	50
n-Butylbenzene	13.4	QC1	µg/kg wet		20.0		67.0	70-130	32.5	25
sec-Butylbenzene	15.9		µg/kg wet		20.0		79.5	70-130	6.69	25
tert-Butylbenzene	17.0		µg/kg wet		20.0		85.0	70-130	6.82	25
Carbon disulfide	14.3		µg/kg wet		20.0		71.5	70-130	3.44	25
Carbon tetrachloride	15.7		µg/kg wet		20.0		78.5	70-130	5.57	25
Chlorobenzene	18.8		µg/kg wet		20.0		94.0	70-130	5.68	25
Chloroethane	15.8		µg/kg wet		20.0		79.0	55.9-135	8.58	50
Chloroform	17.3		µg/kg wet		20.0		86.5	70-130	1.16	25
Chloromethane	14.1		µg/kg wet		20.0		70.5	70-130	10.7	25
2-Chlorotoluene	19.0		µg/kg wet		20.0		95.0	70-130	9.05	25
4-Chlorotoluene	17.4		µg/kg wet		20.0		87.0	70-130	7.20	25
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89.0	70-130	4.40	25
Dibromochloromethane	17.1		µg/kg wet		20.0		85.5	72-125	4.57	50
1,2-Dibromoethane (EDB)	20.1		µg/kg wet		20.0		100	70-130	9.52	25
Dibromomethane	19.9		µg/kg wet		20.0		99.5	70-130	0.501	25
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130	2.53	25
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130	7.41	25
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130	4.70	25
Dichlorodifluoromethane (Freon12)	14.6		µg/kg wet		20.0		73.0	42.3-190	16.9	50
1,1-Dichloroethane	16.7		µg/kg wet		20.0		83.5	70-130	0.601	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85.5	70-130	2.31	25
1,1-Dichloroethene	14.5		µg/kg wet		20.0		72.5	70-130	12.3	25
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94.5	70-130	2.14	25
trans-1,2-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130	3.94	25
1,2-Dichloropropane	16.8		µg/kg wet		20.0		84.0	70-130	1.77	25
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	3.92	25
2,2-Dichloropropane	15.5		µg/kg wet		20.0		77.5	70-130	8.05	25
1,1-Dichloropropene	16.4		µg/kg wet		20.0		82.0	70-130	4.76	25
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90.0	70-130	3.81	25
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92.0	70-130	5.80	25
Ethylbenzene	17.4		µg/kg wet		20.0		87.0	70-130	6.13	25
Hexachlorobutadiene	16.2		µg/kg wet		20.0		81.0	70-137	6.57	50
2-Hexanone (MBK)	14.4		µg/kg wet		20.0		72.0	70-130	8.00	25
Isopropylbenzene	17.1		µg/kg wet		20.0		85.5	70-130	7.87	25
4-Isopropyltoluene	15.4		µg/kg wet		20.0		77.0	70-130	1.29	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96.0	70-130	3.08	25
4-Methyl-2-pentanone (MIBK)	14.0		µg/kg wet		20.0		70.0	48.5-127	6.90	50
Methylene chloride	16.2		µg/kg wet		20.0		81.0	70-130	4.82	25
Naphthalene	18.0		µg/kg wet		20.0		90.0	70-130	1.68	25
n-Propylbenzene	14.9		µg/kg wet		20.0		74.5	70-130	7.12	25
Styrene	18.5		µg/kg wet		20.0		92.5	70-130	6.28	25
1,1,1,2-Tetrachloroethane	17.9		µg/kg wet		20.0		89.5	70-130	1.66	25
1,1,2,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130	9.52	25
Tetrachloroethene	16.2		µg/kg wet		20.0		81.0	70-130	8.85	25
Toluene	17.4		µg/kg wet		20.0		87.0	70-130	5.59	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121038 - SW846 5030 Soil (high level)										
LCS Dup (6121038-BSD1)										
Prepared & Analyzed: 14-Dec-06										
1,2,3-Trichlorobenzene	15.1		µg/kg wet		20.0		75.5	70-130	0.664	25
1,2,4-Trichlorobenzene	14.0		µg/kg wet		20.0		70.0	70-130	0.712	25
1,1,1-Trichloroethane	17.2		µg/kg wet		20.0		86.0	70-130	5.65	25
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		98.5	70-130	7.33	25
Trichloroethene	17.5		µg/kg wet		20.0		87.5	70-130	2.82	25
Trichlorofluoromethane (Freon 11)	15.2		µg/kg wet		20.0		76.0	66.5-144	5.75	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	10.2	25
1,2,4-Trimethylbenzene	13.6	QC1	µg/kg wet		20.0		68.0	70-130	2.90	25
1,3,5-Trimethylbenzene	14.4		µg/kg wet		20.0		72.0	70-130	5.41	25
Vinyl chloride	14.6		µg/kg wet		20.0		73.0	70-130	14.0	25
m,p-Xylene	36.4		µg/kg wet		40.0		91.0	70-130	6.59	25
o-Xylene	19.3		µg/kg wet		20.0		96.5	70-130	6.52	25
Tetrahydrofuran	15.5		µg/kg wet		20.0		77.5	70-130	6.85	25
Ethyl ether	16.8		µg/kg wet		20.0		84.0	64.9-123	2.35	50
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92.0	70-130	3.21	25
Ethyl tert-butyl ether	17.9		µg/kg wet		20.0		89.5	70-130	1.66	25
Di-isopropyl ether	13.8	QC1	µg/kg wet		20.0		69.0	70-130	3.56	25
Tert-Butanol / butyl alcohol	168		µg/kg wet		200		84.0	70-130	19.4	25
1,4-Dioxane	202		µg/kg wet		200		101	40-134	0.985	25
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/kg wet		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.6*		µg/kg wet		*30.0*		*92.0*	*70-130*		
Surrogate: Dibromofluoromethane	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Matrix Spike (6121038-MS1) **Source: SA55446-19**										
Prepared & Analyzed: 14-Dec-06										
Benzene	19.6		µg/kg dry		20.0	BRL	98.0	70-130		
Chlorobenzene	22.3		µg/kg dry		20.0	BRL	112	70-130		
1,1-Dichloroethene	16.9		µg/kg dry		20.0	BRL	84.5	70-130		
Toluene	21.8		µg/kg dry		20.0	BRL	109	70-130		
Trichloroethene	20.9		µg/kg dry		20.0	BRL	104	70-130		
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg dry		*30.0*		*96.0*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/kg dry		*30.0*		*80.3*	*70-130*		
Surrogate: Dibromofluoromethane	*28.2*		µg/kg dry		*30.0*		*94.0*	*70-130*		
Matrix Spike Dup (6121038-MSD1) **Source: SA55446-19**										
Prepared & Analyzed: 14-Dec-06										
Benzene	19.9		µg/kg dry		20.0	BRL	99.5	70-130	1.52	30
Chlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130	4.37	30
1,1-Dichloroethene	19.7		µg/kg dry		20.0	BRL	98.5	70-130	15.3	30
Toluene	22.9		µg/kg dry		20.0	BRL	114	70-130	4.48	30
Trichloroethene	21.2		µg/kg dry		20.0	BRL	106	70-130	1.90	30
Surrogate: 4-Bromofluorobenzene	*28.5*		µg/kg dry		*30.0*		*95.0*	*70-130*		
Surrogate: Toluene-d8	*31.9*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/kg dry		*30.0*		*82.7*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/kg dry		*30.0*		*95.3*	*70-130*		
Batch 6121042 - SW846 5030 Water MS										
Blank (6121042-BLK1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121042 - SW846 5030 Water MS										
Blank (6121042-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	1.0						
2-Chlorotoluene	BRL		µg/l	2.0						
4-Chlorotoluene	BRL		µg/l	0.5						
1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	2.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	1.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	0.5						
2,2-Dichloropropane	BRL		µg/l	0.5						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	10.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	1.0						
Isopropylbenzene	BRL		µg/l	10.0						
4-Isopropyltoluene	BRL		µg/l	5.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	1.0						
Methylene chloride	BRL		µg/l	1.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	0.5						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 5030 Water MS										
3LK1)										
rzed: 14-Dec-06										
ane	BRL		µg/l	1.0						
ane	BRL		µg/l	1.0						
hane (Freon 11)	BRL		µg/l	1.0						
oane	BRL		µg/l	1.0						
nzene	BRL		µg/l	1.0						
nzene	BRL		µg/l	1.0						
	BRL		µg/l	1.0						
	BRL		µg/l	1.0						
	BRL		µg/l	1.0						
	BRL		µg/l	2.0						
	BRL		µg/l	1.0						
her	BRL		µg/l	10.0						
r	BRL		µg/l	1.0						
	BRL		µg/l	1.0						
alcohol	BRL		µg/l	1.0						
	BRL		µg/l	1.0						
fluorobenzene	48.7		µg/l	10.0	50.0		97.4	70-130		
d8	49.8		µg/l	20.0	50.0		99.6	70-130		
oroethane-d4	50.4		µg/l		50.0		101	70-130		
luoromethane	48.5		µg/l		50.0		97.0	70-130		
			µg/l							
: 14-Dec-06										
oethane (Freon 113)	24.6		µg/l	20.0	20.0		123	70-130		
	24.1		µg/l	20.0	20.0		120	29.5-156		
	23.7		µg/l	20.0	20.0		118	70-130		
	20.0		µg/l	20.0	20.0		100	70-130		
	20.3		µg/l	20.0	20.0		102	70-130		
	19.5		µg/l	20.0	20.0		97.5	70-130		
e	21.3		µg/l	20.0	20.0		106	70-130		
	18.4		µg/l	20.0	20.0		92.0	70-130		
	16.4		µg/l	20.0	20.0		82.0	57.7-151		
	18.8		µg/l	20.0	20.0		94.0	48.9-134		
	25.3		µg/l	20.0	20.0		126	70-130		
	22.4		µg/l	20.0	20.0		112	70-130		
	22.3		µg/l	20.0	20.0		112	70-130		
	18.5		µg/l	20.0	20.0		92.5	70-130		
	21.2		µg/l	20.0	20.0		106	70-130		
	22.0		µg/l	20.0	20.0		110	70-130		
	20.7		µg/l	20.0	20.0		104	56.9-145		
	19.7		µg/l	20.0	20.0		98.5	70-130		
	22.2		µg/l	20.0	20.0		111	70-130		
	23.2		µg/l	20.0	20.0		116	70-130		
	23.2		µg/l	20.0	20.0		116	70-130		
pane	23.0		µg/l	20.0	20.0		115	70-130		
	18.8		µg/l	20.0	20.0		94.0	61.5-142		
;)	19.8		µg/l	20.0	20.0		99.0	70-130		
	20.1		µg/l	20.0	20.0		100	70-130		
	23.3		µg/l	20.0	20.0		116	70-130		
	21.9		µg/l	20.0	20.0		110	70-130		
	23.1		µg/l	20.0	20.0		116	70-130		
Freon12)	19.3		µg/l	20.0	20.0		96.5	36.6-187		
	19.8		µg/l	20.0	20.0		99.0	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121042 - SW846 5030 Water MS										
LCS (6121042-BS1)										
Prepared & Analyzed: 14-Dec-06										
1,2-Dichloroethane	20.4		µg/l		20.0		102	70-130		
1,1-Dichloroethene	24.7		µg/l		20.0		124	70-130		
cis-1,2-Dichloroethene	21.1		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	19.2		µg/l		20.0		96.0	70-130		
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130		
1,3-Dichloropropane	19.3		µg/l		20.0		96.5	70-130		
2,2-Dichloropropane	21.1		µg/l		20.0		106	70-130		
1,1-Dichloropropene	19.7		µg/l		20.0		98.5	70-130		
cis-1,3-Dichloropropene	21.0		µg/l		20.0		105	70-130		
trans-1,3-Dichloropropene	18.8		µg/l		20.0		94.0	70-130		
Ethylbenzene	21.8		µg/l		20.0		109	70-130		
Hexachlorobutadiene	20.8		µg/l		20.0		104	68.7-142		
2-Hexanone (MBK)	18.1		µg/l		20.0		90.5	56.3-131		
Isopropylbenzene	20.9		µg/l		20.0		104	70-130		
4-Isopropyltoluene	25.0		µg/l		20.0		125	70-130		
Methyl tert-butyl ether	19.2		µg/l		20.0		96.0	70-130		
4-Methyl-2-pentanone (MIBK)	19.3		µg/l		20.0		96.5	55.2-129		
Methylene chloride	21.7		µg/l		20.0		108	70-130		
Naphthalene	25.6		µg/l		20.0		128	70-130		
n-Propylbenzene	21.7		µg/l		20.0		108	70-130		
Styrene	23.4		µg/l		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	23.3		µg/l		20.0		116	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130		
Tetrachloroethene	16.8		µg/l		20.0		84.0	70-130		
Toluene	19.3		µg/l		20.0		96.5	70-130		
1,2,3-Trichlorobenzene	24.8		µg/l		20.0		124	70-130		
1,2,4-Trichlorobenzene	23.4		µg/l		20.0		117	70-130		
1,1,1-Trichloroethane	20.1		µg/l		20.0		100	70-130		
1,1,2-Trichloroethane	20.4		µg/l		20.0		102	70-130		
Trichloroethene	19.8		µg/l		20.0		99.0	70-130		
Trichlorofluoromethane (Freon 11)	24.0		µg/l		20.0		120	68-148		
1,2,3-Trichloropropane	23.0		µg/l		20.0		115	70-130		
1,2,4-Trimethylbenzene	22.8		µg/l		20.0		114	70-130		
1,3,5-Trimethylbenzene	22.4		µg/l		20.0		112	70-130		
Vinyl chloride	25.7		µg/l		20.0		128	70-130		
m,p-Xylene	45.6		µg/l		40.0		114	70-130		
o-Xylene	23.7		µg/l		20.0		118	70-130		
Tetrahydrofuran	19.4		µg/l		20.0		97.0	70-130		
Ethyl ether	25.0		µg/l		20.0		125	57.6-132		
Tert-amyl methyl ether	19.7		µg/l		20.0		98.5	70-130		
Ethyl tert-butyl ether	22.9		µg/l		20.0		114	70-130		
Di-isopropyl ether	21.8		µg/l		20.0		109	70-130		
Tert-Butanol / butyl alcohol	164		µg/l		200		82.0	70-130		
1,4-Dioxane	177		µg/l		200		88.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/l		*50.0*		*95.8*	*70-130*		
LCS Dup (6121042-BSD1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/l		20.0		107	70-130	13.9	25
Acetone	23.6		µg/l		20.0		118	29.5-156	1.68	50
Acrylonitrile	24.3		µg/l		20.0		122	70-130	3.33	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121042 - SW846 5030 Water MS										
LCS Dup (6121042-BSD1)										
Prepared & Analyzed: 14-Dec-06										
Benzene	18.8		µg/l		20.0		94.0	70-130	6.19	25
Bromobenzene	18.1		µg/l		20.0		90.5	70-130	11.9	25
Bromochloromethane	18.0		µg/l		20.0		90.0	70-130	8.00	25
Bromodichloromethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
Bromoform	17.4		µg/l		20.0		87.0	70-130	5.59	25
Bromomethane	14.0		µg/l		20.0		70.0	57.7-151	15.8	50
2-Butanone (MEK)	19.6		µg/l		20.0		98.0	48.9-134	4.17	50
n-Butylbenzene	22.6		µg/l		20.0		113	70-130	10.9	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	7.41	25
tert-Butylbenzene	20.4		µg/l		20.0		102	70-130	9.35	25
Carbon disulfide	17.1		µg/l		20.0		85.5	70-130	7.87	25
Carbon tetrachloride	19.9		µg/l		20.0		99.5	70-130	6.33	25
Chlorobenzene	19.5		µg/l		20.0		97.5	70-130	12.0	25
Chloroethane	20.2		µg/l		20.0		101	56.9-145	2.93	50
Chloroform	18.0		µg/l		20.0		90.0	70-130	9.02	25
Chloromethane	22.0		µg/l		20.0		110	70-130	0.905	25
2-Chlorotoluene	20.6		µg/l		20.0		103	70-130	11.9	25
4-Chlorotoluene	20.5		µg/l		20.0		102	70-130	12.8	25
1,2-Dibromo-3-chloropropane	20.1		µg/l		20.0		100	70-130	14.0	25
Dibromochloromethane	17.7		µg/l		20.0		88.5	61.5-142	6.03	50
1,2-Dibromoethane (EDB)	18.2		µg/l		20.0		91.0	70-130	8.42	25
Dibromomethane	17.9		µg/l		20.0		89.5	70-130	11.1	25
1,2-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130	16.8	25
1,3-Dichlorobenzene	18.7		µg/l		20.0		93.5	70-130	16.2	25
1,4-Dichlorobenzene	19.1		µg/l		20.0		95.5	70-130	19.4	25
Dichlorodifluoromethane (Freon12)	17.3		µg/l		20.0		86.5	36.6-187	10.9	50
1,1-Dichloroethane	18.4		µg/l		20.0		92.0	70-130	7.33	25
1,2-Dichloroethane	18.2		µg/l		20.0		91.0	70-130	11.4	25
1,1-Dichloroethene	22.6		µg/l		20.0		113	70-130	9.28	25
cis-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	70-130	6.83	25
trans-1,2-Dichloroethene	18.2		µg/l		20.0		91.0	70-130	5.35	25
1,2-Dichloropropane	19.4		µg/l		20.0		97.0	70-130	5.03	25
1,3-Dichloropropane	17.6		µg/l		20.0		88.0	70-130	9.21	25
2,2-Dichloropropane	20.2		µg/l		20.0		101	70-130	4.83	25
1,1-Dichloropropene	18.1		µg/l		20.0		90.5	70-130	8.47	25
cis-1,3-Dichloropropene	19.0		µg/l		20.0		95.0	70-130	10.0	25
trans-1,3-Dichloropropene	17.3		µg/l		20.0		86.5	70-130	8.31	25
Ethylbenzene	19.8		µg/l		20.0		99.0	70-130	9.62	25
Hexachlorobutadiene	16.6		µg/l		20.0		83.0	68.7-142	22.5	50
2-Hexanone (MBK)	19.0		µg/l		20.0		95.0	56.3-131	4.85	25
Isopropylbenzene	19.3		µg/l		20.0		96.5	70-130	7.48	25
4-Isopropyltoluene	22.9		µg/l		20.0		114	70-130	9.21	25
Methyl tert-butyl ether	17.7		µg/l		20.0		88.5	70-130	8.13	25
4-Methyl-2-pentanone (MIBK)	18.6		µg/l		20.0		93.0	55.2-129	3.69	50
Methylene chloride	20.2		µg/l		20.0		101	70-130	6.70	25
Naphthalene	18.2	QR2	µg/l		20.0		91.0	70-130	33.8	25
n-Propylbenzene	20.0		µg/l		20.0		100	70-130	7.69	25
Styrene	20.4		µg/l		20.0		102	70-130	13.7	25
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130	9.01	25
1,1,2,2-Tetrachloroethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
Tetrachloroethene	16.2		µg/l		20.0		81.0	70-130	3.64	25
Toluene	17.8		µg/l		20.0		89.0	70-130	8.09	25
1,2,3-Trichlorobenzene	17.0	QR2	µg/l		20.0		85.0	70-130	37.3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121042 - SW846 5030 Water MS										
LCS Dup (6121042-BSD1)										
Prepared & Analyzed: 14-Dec-06										
1,2,4-Trichlorobenzene	16.9	QR2	µg/l		20.0		84.5	70-130	32.3	25
1,1,1-Trichloroethane	18.8		µg/l		20.0		94.0	70-130	6.19	25
1,1,2-Trichloroethane	18.8		µg/l		20.0		94.0	70-130	8.16	25
Trichloroethene	18.6		µg/l		20.0		93.0	70-130	6.25	25
Trichlorofluoromethane (Freon 11)	20.9		µg/l		20.0		104	68-148	14.3	50
1,2,3-Trichloropropane	22.4		µg/l		20.0		112	70-130	2.64	25
1,2,4-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	12.1	25
1,3,5-Trimethylbenzene	20.4		µg/l		20.0		102	70-130	9.35	25
Vinyl chloride	22.0		µg/l		20.0		110	70-130	15.1	25
m,p-Xylene	40.9		µg/l		40.0		102	70-130	11.1	25
o-Xylene	21.2		µg/l		20.0		106	70-130	10.7	25
Tetrahydrofuran	18.3		µg/l		20.0		91.5	70-130	5.84	25
Ethyl ether	22.4		µg/l		20.0		112	57.6-132	11.0	50
Tert-amyl methyl ether	17.7		µg/l		20.0		88.5	70-130	10.7	25
Ethyl tert-butyl ether	21.0		µg/l		20.0		105	70-130	8.22	25
Di-isopropyl ether	19.6		µg/l		20.0		98.0	70-130	10.6	25
Tert-Butanol / butyl alcohol	172		µg/l		200		86.0	70-130	4.76	25
1,4-Dioxane	176		µg/l		200		88.0	45.2-132	0.567	25
Surrogate: 4-Bromofluorobenzene	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.7*		µg/l		*50.0*		*95.4*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120771 - SW846 3510C										
Blank (6120771-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0478*		mg/l		*0.0500*		*95.6*	*40-140*		
LCS (6120771-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.1		mg/l	0.05	1.40		78.6	60-120		
Surrogate: 1-Chlorooctadecane	*0.0413*		mg/l		*0.0500*		*82.6*	*60-120*		
Batch 6120783 - SW846 3550B										
Blank (6120783-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*3.35*		mg/kg wet		*3.33*		*101*	*40-140*		
LCS (6120783-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	72.6		mg/kg wet	13.3	93.3		77.8	60-120		
Surrogate: 1-Chlorooctadecane	*3.02*		mg/kg wet		*3.33*		*90.7*	*60-120*		
Duplicate (6120783-DUP1) **Source: SA55238-19**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/kg dry	29.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	29.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	29.1		BRL				50
Fuel Oil #6	BRL		mg/kg dry	29.1		BRL				50
Motor Oil	BRL		mg/kg dry	29.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	29.1		BRL				50
Unidentified	BRL		mg/kg dry	29.1		BRL				50
Other Oil	BRL		mg/kg dry	29.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.1		BRL				50
Surrogate: 1-Chlorooctadecane	*2.93*		mg/kg dry		*3.64*		*80.5*	*40-140*		
Matrix Spike (6120783-MS1) **Source: SA55238-20**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	106		mg/kg dry	15.8	111	36.2	62.9	50-150		
Surrogate: 1-Chlorooctadecane	*3.28*		mg/kg dry		*3.96*		*82.8*	*40-140*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120783 - SW846 3550B										
Matrix Spike Dup (6120783-MSD1) **Source: SA55238-20**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	111		mg/kg dry	16.1	113	36.2	66.2	50-150	5.11	30
Surrogate: 1-Chlorooctadecane	*3.86*		mg/kg dry		*4.04*		*95.5*	*40-140*		
Batch 6120784 - SW846 3550B										
Blank (6120784-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.21*		mg/kg wet		*3.33*		*66.4*	*40-140*		
LCS (6120784-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	81.5		mg/kg wet	13.3	93.3		87.4	60-120		
Surrogate: 1-Chlorooctadecane	*2.92*		mg/kg wet		*3.33*		*87.7*	*60-120*		
Duplicate (6120784-DUP1) **Source: SA55330-14**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/kg dry	34.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	34.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	34.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	34.9		BRL				50
Motor Oil	BRL		mg/kg dry	34.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	34.9		BRL				50
Unidentified	BRL		mg/kg dry	34.9		BRL				50
Other Oil	BRL		mg/kg dry	34.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.9		BRL				50
Surrogate: 1-Chlorooctadecane	*3.52*		mg/kg dry		*4.37*		*80.5*	*40-140*		
Matrix Spike (6120784-MS1) **Source: SA55330-14**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	91.1		mg/kg dry	17.5	123	BRL	74.1	50-150		
Surrogate: 1-Chlorooctadecane	*3.47*		mg/kg dry		*4.40*		*78.9*	*40-140*		
Matrix Spike Dup (6120784-MSD1) **Source: SA55330-14**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	112		mg/kg dry	17.6	124	BRL	90.3	50-150	19.7	30
Surrogate: 1-Chlorooctadecane	*4.25*		mg/kg dry		*4.41*		*96.4*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120665 - SW846 3510C										
Blank (6120665-BLK1)										
Prepared & Analyzed: 11-Dec-06										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80.0*	*30-150*		
LCS (6120665-BS1)										
Prepared & Analyzed: 11-Dec-06										
PCB 1016	2.30		µg/l	0.200	2.50		92.0	40-140		
PCB 1260	2.33		µg/l	0.200	2.50		93.2	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75.0*	*30-150*		
LCS Dup (6120665-BSD1)										
Prepared & Analyzed: 11-Dec-06										
PCB 1016	2.30		µg/l	0.200	2.50		92.0	40-140	0.00	20
PCB 1260	2.31		µg/l	0.200	2.50		92.4	40-140	0.862	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85.0*	*30-150*		
Batch 6120777 - SW846 3545A										
Blank (6120777-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*39.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.7*		µg/kg wet		*28.6*		*54.9*	*30-150*		
LCS (6120777-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	373		µg/kg wet	28.6	357		104	40-140		
PCB 1260	381		µg/kg wet	28.6	357		107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg wet		*28.6*		*110*	*30-150*		
LCS Dup (6120777-BSD1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	377		µg/kg wet	28.6	357		106	40-140	1.90	30
PCB 1260	391		µg/kg wet	28.6	357		110	40-140	2.76	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg wet		*28.6*		*110*	*30-150*		
Duplicate (6120777-DUP1) **Source: SA55373-10**										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120777 - SW846 3545A										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	BRL		µg/kg dry	34.7		BRL				40
PCB 1221	BRL		µg/kg dry	34.7		BRL				40
PCB 1232	BRL		µg/kg dry	34.7		BRL				40
PCB 1242	BRL		µg/kg dry	34.7		BRL				40
PCB 1248	BRL		µg/kg dry	34.7		BRL				40
PCB 1254	BRL		µg/kg dry	34.7		BRL				40
PCB 1260	BRL		µg/kg dry	34.7		BRL				40
PCB 1262	BRL		µg/kg dry	34.7		BRL				40
PCB 1268	BRL		µg/kg dry	34.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg dry		*34.7*		*45.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.3*		µg/kg dry		*34.7*		*70.0*	*30-150*		
Matrix Spike (6120777-MS1) **Source: SA55373-10**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	505		µg/kg dry	35.0	437	BRL	116	40-140		
PCB 1260	489		µg/kg dry	35.0	437	BRL	112	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg dry		*34.9*		*60.2*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.7*		µg/kg dry		*34.9*		*85.1*	*30-150*		
Matrix Spike Dup (6120777-MSD1) **Source: SA55373-10**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
PCB 1016	512		µg/kg dry	35.4	442	BRL	116	40-140	0.00	50
PCB 1260	498		µg/kg dry	35.4	442	BRL	113	40-140	0.889	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.5*		µg/kg dry		*35.3*		*75.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.1*		µg/kg dry		*35.3*		*105*	*30-150*		
Batch 6120778 - SW846 3550B										
Blank (6120778-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	BRL		µg/kg wet	1.43						
a-BHC	BRL		µg/kg wet	1.43						
b-BHC	BRL		µg/kg wet	1.43						
d-BHC	BRL		µg/kg wet	1.43						
g-BHC (Lindane)	BRL		µg/kg wet	1.43						
Chlordane	BRL		µg/kg wet	7.15						
4,4-DDD (p,p')	BRL		µg/kg wet	1.43						
4,4-DDE (p,p')	BRL		µg/kg wet	1.43						
4,4-DDT (p,p')	BRL		µg/kg wet	1.43						
Dieldrin	BRL		µg/kg wet	1.43						
Endosulfan I	BRL		µg/kg wet	1.43						
Endosulfan II	BRL		µg/kg wet	1.43						
Endosulfan Sulfate	BRL		µg/kg wet	1.43						
Endrin	BRL		µg/kg wet	1.43						
Endrin Aldehyde	BRL		µg/kg wet	1.43						
Heptachlor	BRL		µg/kg wet	1.43						
Methoxychlor	BRL		µg/kg wet	1.43						
Heptachlor Epoxide	BRL		µg/kg wet	1.43						
Toxaphene	BRL		µg/kg wet	7.15						
a-Chlordane	BRL		µg/kg wet	1.43						
g-Chlordane	BRL		µg/kg wet	1.43						
Endrin Ketone	BRL		µg/kg wet	1.43						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.86*		µg/kg wet		*2.86*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*2.57*		µg/kg wet		*2.86*		*89.9*	*30-150*		
LCS (6120778-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	2.36		µg/kg wet	1.43	2.86		82.5	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120778 - SW846 3550B										
LCS (6120778-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
a-BHC	2.12		µg/kg wet	1.43	2.86		74.1	40-140		
b-BHC	2.46		µg/kg wet	1.43	2.86		86.0	40-140		
d-BHC	1.18		µg/kg wet	1.43	2.86		41.3	40-140		
g-BHC (Lindane)	2.44		µg/kg wet	1.43	2.86		85.3	40-140		
4,4-DDD (p,p')	2.26		µg/kg wet	1.43	2.86		79.0	40-140		
4,4-DDE (p,p')	2.63		µg/kg wet	1.43	2.86		92.0	40-140		
4,4-DDT (p,p')	2.89		µg/kg wet	1.43	2.86		101	40-140		
Dieldrin	2.43		µg/kg wet	1.43	2.86		85.0	40-140		
Endosulfan I	1.36		µg/kg wet	1.43	2.86		47.6	40-140		
Endosulfan II	1.53		µg/kg wet	1.43	2.86		53.5	40-140		
Endosulfan Sulfate	2.06		µg/kg wet	1.43	2.86		72.0	40-140		
Endrin	2.43		µg/kg wet	1.43	2.86		85.0	40-140		
Endrin Aldehyde	2.99		µg/kg wet	1.43	2.86		105	40-140		
Heptachlor	2.51		µg/kg wet	1.43	2.86		87.8	40-140		
Methoxychlor	3.11		µg/kg wet	1.43	2.86		109	40-140		
Heptachlor Epoxide	2.50		µg/kg wet	1.43	2.86		87.4	40-140		
a-Chlordane	2.58		µg/kg wet	1.43	2.86		90.2	40-140		
g-Chlordane	2.66		µg/kg wet	1.43	2.86		93.0	40-140		
Endrin Ketone	2.81		µg/kg wet	1.43	2.86		98.3	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*2.15*		µg/kg wet		*2.86*		*75.2*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*2.90*		µg/kg wet		*2.86*		*101*	*40-140*		
LCS Dup (6120778-BSD1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	2.32		µg/kg wet	1.43	2.86		81.1	40-140	1.71	30
a-BHC	2.10		µg/kg wet	1.43	2.86		73.4	40-140	0.949	30
b-BHC	2.51		µg/kg wet	1.43	2.86		87.8	40-140	2.07	30
d-BHC	1.17		µg/kg wet	1.43	2.86		40.9	40-140	0.973	30
g-BHC (Lindane)	2.50		µg/kg wet	1.43	2.86		87.4	40-140	2.43	30
4,4-DDD (p,p')	2.19		µg/kg wet	1.43	2.86		76.6	40-140	3.08	30
4,4-DDE (p,p')	2.75		µg/kg wet	1.43	2.86		96.2	40-140	4.46	30
4,4-DDT (p,p')	2.88		µg/kg wet	1.43	2.86		101	40-140	0.00	30
Dieldrin	2.58		µg/kg wet	1.43	2.86		90.2	40-140	5.94	30
Endosulfan I	1.43		µg/kg wet	1.43	2.86		50.0	40-140	4.92	30
Endosulfan II	1.87		µg/kg wet	1.43	2.86		65.4	40-140	20.0	30
Endosulfan Sulfate	2.13		µg/kg wet	1.43	2.86		74.5	40-140	3.41	30
Endrin	2.59		µg/kg wet	1.43	2.86		90.6	40-140	6.38	30
Endrin Aldehyde	3.05		µg/kg wet	1.43	2.86		107	40-140	1.89	30
Heptachlor	2.57		µg/kg wet	1.43	2.86		89.9	40-140	2.36	30
Methoxychlor	3.19		µg/kg wet	1.43	2.86		112	40-140	2.71	30
Heptachlor Epoxide	2.49		µg/kg wet	1.43	2.86		87.1	40-140	0.344	30
a-Chlordane	2.68		µg/kg wet	1.43	2.86		93.7	40-140	3.81	30
g-Chlordane	2.60		µg/kg wet	1.43	2.86		90.9	40-140	2.28	30
Endrin Ketone	3.31		µg/kg wet	1.43	2.86		116	40-140	16.5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*2.71*		µg/kg wet		*2.86*		*94.8*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*3.23*		µg/kg wet		*2.86*		*113*	*40-140*		
Duplicate (6120778-DUP1) **Source: SA55220-59**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	BRL		µg/kg dry	1.25		BRL				30
a-BHC	BRL		µg/kg dry	1.25		BRL				30
b-BHC	BRL		µg/kg dry	1.25		BRL				30
d-BHC	BRL		µg/kg dry	1.25		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	1.25		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120778 - SW846 3550B										
Duplicate (6120778-DUP1) **Source: SA55220-59**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Chlordane	11.1		µg/kg dry	6.26		12.6			12.7	30
4,4-DDD (p,p')	0.121	J	µg/kg dry	1.25		0.108			11.4	30
4,4-DDE (p,p')	0.253	J	µg/kg dry	1.25		0.196			25.4	30
4,4-DDT (p,p')	0.248	J	µg/kg dry	1.25		0.199			21.9	30
Dieldrin	3.79		µg/kg dry	1.25		2.95			24.9	30
Endosulfan I	BRL		µg/kg dry	1.25		BRL				30
Endosulfan II	BRL		µg/kg dry	1.25		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	1.25		BRL				30
Endrin	BRL		µg/kg dry	1.25		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	1.25		BRL				30
Heptachlor	BRL		µg/kg dry	1.25		BRL				30
Methoxychlor	BRL		µg/kg dry	1.25		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	1.25		BRL				30
Toxaphene	BRL		µg/kg dry	6.26		BRL				30
a-Chlordane	0.775	J,QM1	µg/kg dry	1.25		0.255			101	30
g-Chlordane	0.595	J	µg/kg dry	1.25		0.516			14.2	30
Endrin Ketone	BRL		µg/kg dry	1.25		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.31*		µg/kg dry		*2.50*		*52.4*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*2.41*		µg/kg dry		*2.50*		*96.4*	*30-150*		
Matrix Spike (6120778-MS1) **Source: SA55220-59**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	1.40		µg/kg dry	1.25	2.49	BRL	56.2	30-150		
a-BHC	1.16		µg/kg dry	1.25	2.49	BRL	46.6	30-150		
b-BHC	1.31		µg/kg dry	1.25	2.49	BRL	52.6	30-150		
d-BHC	0.856		µg/kg dry	1.25	2.49	BRL	34.4	30-150		
g-BHC (Lindane)	1.19		µg/kg dry	1.25	2.49	BRL	47.8	30-150		
4,4-DDD (p,p')	1.36		µg/kg dry	1.25	2.49	0.108	50.3	30-150		
4,4-DDE (p,p')	1.67		µg/kg dry	1.25	2.49	0.196	59.2	30-150		
4,4-DDT (p,p')	1.85		µg/kg dry	1.25	2.49	0.199	66.3	30-150		
Dieldrin	5.04		µg/kg dry	1.25	2.49	2.95	83.9	30-150		
Endosulfan I	1.09		µg/kg dry	1.25	2.49	BRL	43.8	30-150		
Endosulfan II	1.11		µg/kg dry	1.25	2.49	BRL	44.6	30-150		
Endosulfan Sulfate	1.19		µg/kg dry	1.25	2.49	BRL	47.8	30-150		
Endrin	1.39		µg/kg dry	1.25	2.49	BRL	55.8	30-150		
Endrin Aldehyde	1.52		µg/kg dry	1.25	2.49	BRL	61.0	30-150		
Heptachlor	1.33		µg/kg dry	1.25	2.49	BRL	53.4	30-150		
Methoxychlor	1.80		µg/kg dry	1.25	2.49	BRL	72.3	30-150		
Heptachlor Epoxide	1.44		µg/kg dry	1.25	2.49	BRL	57.8	30-150		
a-Chlordane	1.91		µg/kg dry	1.25	2.49	0.255	66.5	30-150		
g-Chlordane	1.74		µg/kg dry	1.25	2.49	0.516	49.2	30-150		
Endrin Ketone	1.55		µg/kg dry	1.25	2.49	BRL	62.2	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.81*		µg/kg dry		*2.49*		*72.7*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*2.67*		µg/kg dry		*2.49*		*107*	*30-150*		
Matrix Spike Dup (6120778-MSD1) **Source: SA55220-59**										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Aldrin	1.69		µg/kg dry	1.25	2.50	BRL	67.6	30-150	18.4	30
a-BHC	1.49		µg/kg dry	1.25	2.50	BRL	59.6	30-150	24.5	30
b-BHC	1.66		µg/kg dry	1.25	2.50	BRL	66.4	30-150	23.2	30
d-BHC	0.827		µg/kg dry	1.25	2.50	BRL	33.1	30-150	3.85	30
g-BHC (Lindane)	1.49		µg/kg dry	1.25	2.50	BRL	59.6	30-150	22.0	30
4,4-DDD (p,p')	1.34		µg/kg dry	1.25	2.50	0.108	49.3	30-150	2.01	30
4,4-DDE (p,p')	1.93		µg/kg dry	1.25	2.50	0.196	69.4	30-150	15.9	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120778 - SW846 3550B										
Matrix Spike Dup (6120778-MSD1) Source: SA55220-59										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
4,4-DDT (p,p')	2.05		µg/kg dry	1.25	2.50	0.199	74.0	30-150	11.0	30
Dieldrin	6.86	QM2	µg/kg dry	1.25	2.50	2.95	156	30-150	60.1	30
Endosulfan I	1.07		µg/kg dry	1.25	2.50	BRL	42.8	30-150	2.31	30
Endosulfan II	1.29		µg/kg dry	1.25	2.50	BRL	51.6	30-150	14.6	30
Endosulfan Sulfate	1.44		µg/kg dry	1.25	2.50	BRL	57.6	30-150	18.6	30
Endrin	1.53		µg/kg dry	1.25	2.50	BRL	61.2	30-150	9.23	30
Endrin Aldehyde	1.31		µg/kg dry	1.25	2.50	BRL	52.4	30-150	15.2	30
Heptachlor	1.74		µg/kg dry	1.25	2.50	BRL	69.6	30-150	26.3	30
Methoxychlor	2.33		µg/kg dry	1.25	2.50	BRL	93.2	30-150	25.3	30
Heptachlor Epoxide	1.91		µg/kg dry	1.25	2.50	BRL	76.4	30-150	27.7	30
a-Chlordane	2.46		µg/kg dry	1.25	2.50	0.255	88.2	30-150	28.1	50
g-Chlordane	2.37		µg/kg dry	1.25	2.50	0.516	74.2	30-150	40.5	50
Endrin Ketone	2.22		µg/kg dry	1.25	2.50	BRL	88.8	30-150	35.2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*1.41*		µg/kg dry		*2.50*		*56.4*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*2.59*		µg/kg dry		*2.50*		*104*	*30-150*		
Batch 6120876 - SW846 3510C										
Blank (6120876-BLK1)										
Prepared & Analyzed: 12-Dec-06										
Aldrin	BRL		µg/l	0.010						
a-BHC	BRL		µg/l	0.010						
b-BHC	BRL		µg/l	0.010						
d-BHC	BRL		µg/l	0.010						
g-BHC (Lindane)	BRL		µg/l	0.010						
Chlordane	BRL		µg/l	0.050						
4,4-DDD (p,p')	BRL		µg/l	0.010						
4,4-DDE (p,p')	BRL		µg/l	0.010						
4,4-DDT (p,p')	BRL		µg/l	0.010						
Dieldrin	BRL		µg/l	0.002						
Endosulfan I	BRL		µg/l	0.010						
Endosulfan II	BRL		µg/l	0.010						
Endosulfan Sulfate	BRL		µg/l	0.010						
Endrin	BRL		µg/l	0.010						
Endrin Aldehyde	BRL		µg/l	0.010						
Heptachlor	BRL		µg/l	0.010						
Methoxychlor	BRL		µg/l	0.010						
Heptachlor Epoxide	BRL		µg/l	0.010						
Toxaphene	BRL		µg/l	0.050						
a-Chlordane	BRL		µg/l	0.010						
g-Chlordane	BRL		µg/l	0.010						
Endrin Ketone	BRL		µg/l	0.010						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0154*		µg/l		*0.0200*		*77.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0187*		µg/l		*0.0200*		*93.5*	*30-150*		
LCS (6120876-BS1)										
Prepared & Analyzed: 12-Dec-06										
Aldrin	0.019		µg/l	0.010	0.0200		95.0	40-140		
a-BHC	0.019		µg/l	0.010	0.0200		95.0	40-140		
b-BHC	0.020		µg/l	0.010	0.0200		100	40-140		
d-BHC	0.019		µg/l	0.010	0.0200		95.0	40-140		
g-BHC (Lindane)	0.019		µg/l	0.010	0.0200		95.0	40-140		
4,4-DDD (p,p')	0.019		µg/l	0.010	0.0200		95.0	40-140		
4,4-DDE (p,p')	0.021		µg/l	0.010	0.0200		105	40-140		
4,4-DDT (p,p')	0.025		µg/l	0.010	0.0200		125	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120876 - SW846 3510C										
LCS (6120876-BS1)										
Prepared & Analyzed: 12-Dec-06										
Dieldrin	0.021		µg/l	0.002	0.0200		105	40-140		
Endosulfan I	0.016		µg/l	0.010	0.0200		80.0	40-140		
Endosulfan II	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endosulfan Sulfate	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endrin	0.022		µg/l	0.010	0.0200		110	40-140		
Endrin Aldehyde	0.020		µg/l	0.010	0.0200		100	40-140		
Heptachlor	0.020		µg/l	0.010	0.0200		100	40-140		
Methoxychlor	0.018		µg/l	0.010	0.0200		90.0	40-140		
Heptachlor Epoxide	0.021		µg/l	0.010	0.0200		105	40-140		
a-Chlordane	0.025		µg/l	0.010	0.0200		125	40-140		
g-Chlordane	0.024		µg/l	0.010	0.0200		120	40-140		
Endrin Ketone	0.024		µg/l	0.010	0.0200		120	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00980*		µg/l		*0.0200*		*49.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0174*		µg/l		*0.0200*		*87.0*	*40-140*		
LCS Dup (6120876-BSD1)										
Prepared & Analyzed: 12-Dec-06										
Aldrin	0.019		µg/l	0.010	0.0200		95.0	40-140	0.00	20
a-BHC	0.019		µg/l	0.010	0.0200		95.0	40-140	0.00	20
b-BHC	0.020		µg/l	0.010	0.0200		100	40-140	0.00	20
d-BHC	0.018		µg/l	0.010	0.0200		90.0	40-140	5.41	20
g-BHC (Lindane)	0.019		µg/l	0.010	0.0200		95.0	40-140	0.00	20
4,4-DDD (p,p')	0.020		µg/l	0.010	0.0200		100	40-140	5.13	20
4,4-DDE (p,p')	0.021		µg/l	0.010	0.0200		105	40-140	0.00	20
4,4-DDT (p,p')	0.024		µg/l	0.010	0.0200		120	40-140	4.08	20
Dieldrin	0.021		µg/l	0.002	0.0200		105	40-140	0.00	20
Endosulfan I	0.015		µg/l	0.010	0.0200		75.0	40-140	6.45	20
Endosulfan II	0.016		µg/l	0.010	0.0200		80.0	40-140	6.06	20
Endosulfan Sulfate	0.018		µg/l	0.010	0.0200		90.0	40-140	5.71	20
Endrin	0.021		µg/l	0.010	0.0200		105	40-140	4.65	20
Endrin Aldehyde	0.019		µg/l	0.010	0.0200		95.0	40-140	5.13	20
Heptachlor	0.020		µg/l	0.010	0.0200		100	40-140	0.00	20
Methoxychlor	0.019		µg/l	0.010	0.0200		95.0	40-140	5.41	20
Heptachlor Epoxide	0.020		µg/l	0.010	0.0200		100	40-140	4.88	20
a-Chlordane	0.024		µg/l	0.010	0.0200		120	40-140	4.08	20
g-Chlordane	0.023		µg/l	0.010	0.0200		115	40-140	4.26	20
Endrin Ketone	0.023		µg/l	0.010	0.0200		115	40-140	4.26	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00925*		µg/l		*0.0200*		*46.2*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0154*		µg/l		*0.0200*		*77.0*	*40-140*		
Batch 6120895 - SW846 3550B										
Blank (6120895-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.3*		µg/kg wet		*28.6*		*120*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120895 - SW846 3550B										
LCS (6120895-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	376		µg/kg wet	28.6	357		105	40-140		
PCB 1260	366		µg/kg wet	28.6	357		103	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		
LCS Dup (6120895-BSD1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	376		µg/kg wet	28.6	357		105	40-140	0.00	30
PCB 1260	374		µg/kg wet	28.6	357		105	40-140	1.92	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.7*		µg/kg wet		*28.6*		*125*	*30-150*		
Duplicate (6120895-DUP1) **Source: SA55442-07**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg dry	31.2		BRL				40
PCB 1221	BRL		µg/kg dry	31.2		BRL				40
PCB 1232	BRL		µg/kg dry	31.2		BRL				40
PCB 1242	BRL		µg/kg dry	31.2		BRL				40
PCB 1248	BRL		µg/kg dry	31.2		BRL				40
PCB 1254	BRL		µg/kg dry	31.2		BRL				40
PCB 1260	BRL		µg/kg dry	31.2		BRL				40
PCB 1262	BRL		µg/kg dry	31.2		BRL				40
PCB 1268	BRL		µg/kg dry	31.2		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*28.0*		µg/kg dry		*31.2*		*89.7*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.2*		µg/kg dry		*31.2*		*145*	*30-150*		
Matrix Spike (6120895-MS1) **Source: SA55442-07**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	389		µg/kg dry	31.1	389	BRL	100	40-140		
PCB 1260	457		µg/kg dry	31.1	389	BRL	117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.2*		µg/kg dry		*31.1*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.5*		µg/kg dry		*31.1*		*130*	*30-150*		
Matrix Spike Dup (6120895-MSD1) **Source: SA55442-07**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	381		µg/kg dry	31.2	389	BRL	97.9	40-140	2.12	50
PCB 1260	414		µg/kg dry	31.2	389	BRL	106	40-140	9.87	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.2*		µg/kg dry		*31.1*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.4*		µg/kg dry		*31.1*		*120*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120666 - SW846 3510C										
Blank (6120666-BLK1)										
Prepared & Analyzed: 11-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120666 - SW846 3510C										
Blank (6120666-BLK1)										
Prepared & Analyzed: 11-Dec-06										
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*71.5*		µg/l		*100*		*71.5*	*30-130*		
Surrogate: 2-Fluorophenol	*90.4*		µg/l		*100*		*90.4*	*15-110*		
Surrogate: Nitrobenzene-d5	*83.7*		µg/l		*100*		*83.7*	*30-130*		
Surrogate: Phenol-d5	*82.0*		µg/l		*100*		*82.0*	*15-110*		
Surrogate: Terphenyl-dl4	*78.9*		µg/l		*100*		*78.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*81.3*		µg/l		*100*		*81.3*	*15-110*		
LCS (6120666-BS1)										
Prepared & Analyzed: 11-Dec-06										
Acenaphthene	76.6		µg/l	5.00	100		76.6	40-130		
Acenaphthylene	77.4		µg/l	5.00	100		77.4	40-130		
Aniline	68.6		µg/l	5.00	100		68.6	40-130		
Anthracene	76.0		µg/l	5.00	100		76.0	40-130		
Atrazine	160		µg/l	5.00	100		160	0-200		
Azobenzene/Diphenyldiazine	84.8		µg/l	5.00	100		84.8	40-130		
Benzidine	27.4	QC2	µg/l	5.00	100		27.4	40-130		
Benzo (a) anthracene	82.3		µg/l	5.00	100		82.3	40-130		
Benzo (a) pyrene	83.0		µg/l	5.00	100		83.0	40-130		
Benzo (b) fluoranthene	79.6		µg/l	5.00	100		79.6	40-130		
Benzo (g,h,i) perylene	91.6		µg/l	5.00	100		91.6	40-130		
Benzo (k) fluoranthene	72.8		µg/l	5.00	100		72.8	40-130		
Benzoic acid	1.26	QC1	µg/l	5.00	100		1.26	40-130		
Benzyl alcohol	80.7		µg/l	5.00	100		80.7	40-130		
Bis(2-chloroethoxy)methane	77.6		µg/l	5.00	100		77.6	40-130		
Bis(2-chloroethyl)ether	74.4		µg/l	5.00	100		74.4	40-130		
Bis(2-chloroisopropyl)ether	111		µg/l	5.00	100		111	40-130		
Bis(2-ethylhexyl)phthalate	85.0		µg/l	5.00	100		85.0	40-130		
4-Bromophenyl phenyl ether	76.0		µg/l	5.00	100		76.0	40-130		
Butyl benzyl phthalate	84.9		µg/l	5.00	100		84.9	40-130		
Carbazole	86.8		µg/l	5.00	100		86.8	40-130		
4-Chloro-3-methylphenol	79.7		µg/l	5.00	100		79.7	40-130		
4-Chloroaniline	66.7		µg/l	5.00	100		66.7	40-130		
2-Chloronaphthalene	71.4		µg/l	5.00	100		71.4	40-130		
2-Chlorophenol	71.2		µg/l	5.00	100		71.2	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120666 - SW846 3510C										
LCS (6120666-BS1)										
Prepared & Analyzed: 11-Dec-06										
4-Chlorophenyl phenyl ether	76.7		µg/l	5.00	100		76.7	40-130		
Chrysene	80.8		µg/l	5.00	100		80.8	40-130		
Dibenzo (a,h) anthracene	87.3		µg/l	5.00	100		87.3	40-130		
Dibenzofuran	68.1		µg/l	5.00	100		68.1	40-130		
1,2-Dichlorobenzene	70.6		µg/l	5.00	100		70.6	40-130		
1,3-Dichlorobenzene	67.2		µg/l	5.00	100		67.2	40-130		
1,4-Dichlorobenzene	69.1		µg/l	5.00	100		69.1	40-130		
3,3'-Dichlorobenzidine	83.1		µg/l	5.00	100		83.1	40-130		
2,4-Dichlorophenol	73.6		µg/l	5.00	100		73.6	40-130		
Diethyl phthalate	84.5		µg/l	5.00	100		84.5	40-130		
Dimethyl phthalate	76.0		µg/l	5.00	100		76.0	40-130		
2,4-Dimethylphenol	74.3		µg/l	5.00	100		74.3	40-130		
Di-n-butyl phthalate	80.9		µg/l	5.00	100		80.9	40-130		
4,6-Dinitro-2-methylphenol	97.7		µg/l	5.00	100		97.7	40-130		
2,4-Dinitrophenol	89.6		µg/l	5.00	100		89.6	40-130		
2,4-Dinitrotoluene	81.6		µg/l	5.00	100		81.6	40-130		
2,6-Dinitrotoluene	80.3		µg/l	5.00	100		80.3	40-130		
Di-n-octyl phthalate	79.9		µg/l	5.00	100		79.9	40-130		
Fluoranthene	79.6		µg/l	5.00	100		79.6	40-130		
Fluorene	76.2		µg/l	5.00	100		76.2	40-130		
Hexachlorobenzene	68.6		µg/l	5.00	100		68.6	40-130		
Hexachlorobutadiene	65.9		µg/l	5.00	100		65.9	40-130		
Hexachlorocyclopentadiene	75.1		µg/l	5.00	100		75.1	40-130		
Hexachloroethane	73.3		µg/l	5.00	100		73.3	40-130		
Indeno (1,2,3-cd) pyrene	91.6		µg/l	5.00	100		91.6	40-130		
Isophorone	75.1		µg/l	5.00	100		75.1	40-130		
2-Methylnaphthalene	64.1		µg/l	5.00	100		64.1	40-130		
2-Methylphenol	71.8		µg/l	5.00	100		71.8	40-130		
3,4-Methylphenol	69.2		µg/l	10.0	100		69.2	40-130		
Naphthalene	63.1		µg/l	5.00	100		63.1	40-130		
2-Nitroaniline	87.2		µg/l	5.00	100		87.2	40-130		
3-Nitroaniline	75.8		µg/l	5.00	100		75.8	40-130		
4-Nitroaniline	97.8		µg/l	20.0	100		97.8	40-130		
Nitrobenzene	74.3		µg/l	5.00	100		74.3	40-130		
2-Nitrophenol	78.6		µg/l	5.00	100		78.6	40-130		
4-Nitrophenol	95.7		µg/l	20.0	100		95.7	40-130		
N-Nitrosodimethylamine	74.2		µg/l	5.00	100		74.2	40-130		
N-Nitrosodi-n-propylamine	40.6		µg/l	5.00	100		40.6	40-130		
N-Nitrosodiphenylamine	80.6		µg/l	5.00	100		80.6	40-130		
Pentachlorophenol	95.4		µg/l	20.0	100		95.4	40-130		
Phenanthrene	74.9		µg/l	5.00	100		74.9	40-130		
Phenol	79.7		µg/l	5.00	100		79.7	40-130		
Pyrene	75.6		µg/l	5.00	100		75.6	40-130		
Pyridine	60.6		µg/l	5.00	100		60.6	40-130		
1,2,4-Trichlorobenzene	67.3		µg/l	5.00	100		67.3	40-130		
1-Methylnaphthalene	77.5		µg/l	5.00	100		77.5	40-140		
2,4,5-Trichlorophenol	80.9		µg/l	5.00	100		80.9	40-130		
2,4,6-Trichlorophenol	67.7		µg/l	5.00	100		67.7	40-130		
Surrogate: 2-Fluorobiphenyl	*85.3*		µg/l		*100*		*85.3*	*30-130*		
Surrogate: 2-Fluorophenol	*85.6*		µg/l		*100*		*85.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*91.8*		µg/l		*100*		*91.8*	*30-130*		
Surrogate: Phenol-d5	*73.7*		µg/l		*100*		*73.7*	*15-110*		
Surrogate: Terphenyl-dl4	*88.8*		µg/l		*100*		*88.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*91.9*		µg/l		*100*		*91.9*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Blank (6120728-BLK1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Blank (6120728-BLK1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
Acenaphthene	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Pyrene	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Blank (6120728-BLK1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Chrysene	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2590*		µg/kg wet		*3330*		*77.8*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2590*		µg/kg wet		*3330*		*77.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2260*		µg/kg wet		*3330*		*67.9*	*30-130*		
Surrogate: 2-Fluorophenol	*2260*		µg/kg wet		*3330*		*67.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*1830*		µg/kg wet		*3330*		*55.0*	*30-130*		
Surrogate: Nitrobenzene-d5	*1830*		µg/kg wet		*3330*		*55.0*	*30-130*		
Surrogate: Phenol-d5	*1970*		µg/kg wet		*3330*		*59.2*	*30-130*		
Surrogate: Phenol-d5	*1970*		µg/kg wet		*3330*		*59.2*	*15-110*		
Surrogate: Terphenyl-dl4	*2530*		µg/kg wet		*3330*		*76.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2530*		µg/kg wet		*3330*		*76.0*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2450*		µg/kg wet		*3330*		*73.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2450*		µg/kg wet		*3330*		*73.6*	*15-110*		
LCS (6120728-BS1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Acenaphthene	2320		µg/kg wet	165	3330		69.7	40-130		
N-Nitrosodimethylamine	1690		µg/kg wet	165	3330		50.8	40-130		
Acenaphthylene	2420		µg/kg wet	165	3330		72.7	40-130		
Aniline	1480		µg/kg wet	165	3330		44.4	40-130		
Anthracene	2520		µg/kg wet	165	3330		75.7	40-130		
Bis(2-chloroethyl)ether	1850		µg/kg wet	165	3330		55.6	40-130		
Atrazine	2610		µg/kg wet	165	3330		78.4	40-130		
Azobenzene/Diphenyldiazine	2060		µg/kg wet	165	3330		61.9	40-130		
Benzidine	165	QC2	µg/kg wet	165	3330		4.95	40-130		
1,3-Dichlorobenzene	1900		µg/kg wet	165	3330		57.1	40-130		
Benzo (a) anthracene	2240		µg/kg wet	165	3330		67.3	40-130		
1,4-Dichlorobenzene	2380		µg/kg wet	165	3330		71.5	40-130		
1,2-Dichlorobenzene	2290		µg/kg wet	165	3330		68.8	40-130		
Benzo (a) pyrene	2460		µg/kg wet	165	3330		73.9	40-130		
Benzyl alcohol	2120		µg/kg wet	165	3330		63.7	40-130		
Benzo (b) fluoranthene	1660		µg/kg wet	165	3330		49.8	40-130		
Bis(2-chloroisopropyl)ether	3290		µg/kg wet	165	3330		98.8	40-130		
Benzo (g,h,i) perylene	2080		µg/kg wet	165	3330		62.5	40-130		
Benzo (k) fluoranthene	3530		µg/kg wet	165	3330		106	40-130		
Benzoic acid	84.3	QC2	µg/kg wet	165	3330		2.53	40-130		
Hexachloroethane	2480		µg/kg wet	165	3330		74.5	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
LCS (6120728-BS1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Benzyl alcohol	2120		µg/kg wet	165	3330		63.7	40-130		
Bis(2-chloroethoxy)methane	2440		µg/kg wet	165	3330		73.3	40-130		
Nitrobenzene	2070		µg/kg wet	165	3330		62.2	40-130		
Bis(2-chloroethyl)ether	1850		µg/kg wet	165	3330		55.6	40-130		
Isophorone	2140		µg/kg wet	165	3330		64.3	40-130		
Bis(2-chloroisopropyl)ether	3290		µg/kg wet	165	3330		98.8	40-130		
Bis(2-ethylhexyl)phthalate	2150		µg/kg wet	165	3330		64.6	40-130		
4-Bromophenyl phenyl ether	2780		µg/kg wet	165	3330		83.5	40-130		
Bis(2-chloroethoxy)methane	2440		µg/kg wet	165	3330		73.3	40-130		
Butyl benzyl phthalate	2110		µg/kg wet	165	3330		63.4	40-130		
Carbazole	2440		µg/kg wet	165	3330		73.3	40-130		
4-Chloro-3-methylphenol	2200		µg/kg wet	165	3330		66.1	40-130		
Benzoic acid	84.3	QC2	µg/kg wet	165	3330		2.53	40-130		
4-Chloroaniline	1850		µg/kg wet	165	3330		55.6	40-130		
Naphthalene	2490		µg/kg wet	165	3330		74.8	40-130		
2-Chloronaphthalene	2210		µg/kg wet	165	3330		66.4	40-130		
4-Chloroaniline	1850		µg/kg wet	165	3330		55.6	40-130		
2-Chlorophenol	1890		µg/kg wet	165	3330		56.8	40-130		
4-Chlorophenyl phenyl ether	2610		µg/kg wet	165	3330		78.4	40-130		
Hexachlorobutadiene	2740		µg/kg wet	165	3330		82.3	40-130		
Chrysene	2570		µg/kg wet	165	3330		77.2	40-130		
2-Methylnaphthalene	2510		µg/kg wet	165	3330		75.4	40-130		
Dibenzo (a,h) anthracene	2290		µg/kg wet	165	3330		68.8	40-130		
Dibenzofuran	2240		µg/kg wet	165	3330		67.3	40-130		
Hexachlorocyclopentadiene	1410		µg/kg wet	165	3330		42.3	40-130		
1,2-Dichlorobenzene	2290		µg/kg wet	165	3330		68.8	40-130		
1,3-Dichlorobenzene	1900		µg/kg wet	165	3330		57.1	40-130		
2-Chloronaphthalene	2210		µg/kg wet	165	3330		66.4	40-130		
1,4-Dichlorobenzene	2380		µg/kg wet	165	3330		71.5	40-130		
2-Nitroaniline	2010		µg/kg wet	165	3330		60.4	40-130		
3,3'-Dichlorobenzidine	2120		µg/kg wet	165	3330		63.7	40-130		
2,4-Dichlorophenol	2490		µg/kg wet	165	3330		74.8	40-130		
Acenaphthylene	2420		µg/kg wet	165	3330		72.7	40-130		
Diethyl phthalate	2260		µg/kg wet	165	3330		67.9	40-130		
Dimethyl phthalate	2320		µg/kg wet	165	3330		69.7	40-130		
2,6-Dinitrotoluene	2050		µg/kg wet	165	3330		61.6	40-130		
Dimethyl phthalate	2320		µg/kg wet	165	3330		69.7	40-130		
Acenaphthene	2320		µg/kg wet	165	3330		69.7	40-130		
2,4-Dimethylphenol	2460		µg/kg wet	165	3330		73.9	40-130		
3-Nitroaniline	1400		µg/kg wet	165	3330		42.0	40-130		
Di-n-butyl phthalate	2370		µg/kg wet	165	3330		71.2	40-130		
4,6-Dinitro-2-methylphenol	1660		µg/kg wet	165	3330		49.8	40-130		
Dibenzofuran	2240		µg/kg wet	165	3330		67.3	40-130		
2,4-Dinitrophenol	1430		µg/kg wet	165	3330		42.9	40-130		
2,4-Dinitrotoluene	2040		µg/kg wet	165	3330		61.3	40-130		
2,4-Dinitrotoluene	2040		µg/kg wet	165	3330		61.3	40-130		
2,6-Dinitrotoluene	2050		µg/kg wet	165	3330		61.6	40-130		
Di-n-octyl phthalate	2280		µg/kg wet	165	3330		68.5	40-130		
Fluorene	2420		µg/kg wet	165	3330		72.7	40-130		
4-Chlorophenyl phenyl ether	2610		µg/kg wet	165	3330		78.4	40-130		
Fluoranthene	2560		µg/kg wet	165	3330		76.9	40-130		
Diethyl phthalate	2260		µg/kg wet	165	3330		67.9	40-130		
Fluorene	2420		µg/kg wet	165	3330		72.7	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
LCS (6120728-BS1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
4-Nitroaniline	1940		µg/kg wet	165	3330		58.3	40-130		
Hexachlorobenzene	2720		µg/kg wet	165	3330		81.7	40-130		
Hexachlorobutadiene	2740		µg/kg wet	165	3330		82.3	40-130		
N-Nitrosodiphenylamine	2550		µg/kg wet	165	3330		76.6	40-130		
Hexachlorocyclopentadiene	1410		µg/kg wet	165	3330		42.3	40-130		
Azobenzene/Diphenyldiazine	2060		µg/kg wet	165	3330		61.9	40-130		
Hexachloroethane	2480		µg/kg wet	165	3330		74.5	40-130		
4-Bromophenyl phenyl ether	2780		µg/kg wet	165	3330		83.5	40-130		
Indeno (1,2,3-cd) pyrene	2260		µg/kg wet	165	3330		67.9	40-130		
Hexachlorobenzene	2720		µg/kg wet	165	3330		81.7	40-130		
Isophorone	2140		µg/kg wet	165	3330		64.3	40-130		
1-Methylnaphthalene	2500		µg/kg wet	165	3330		75.1	40-140		
2-Methylnaphthalene	2510		µg/kg wet	165	3330		75.4	40-130		
Phenanthrene	2430		µg/kg wet	165	3330		73.0	40-130		
2-Methylphenol	1750		µg/kg wet	165	3330		52.6	40-130		
Anthracene	2520		µg/kg wet	165	3330		75.7	40-130		
3,4-Methylphenol	2470		µg/kg wet	165	3330		74.2	40-130		
Di-n-butyl phthalate	2370		µg/kg wet	165	3330		71.2	40-130		
Naphthalene	2490		µg/kg wet	165	3330		74.8	40-130		
Fluoranthene	2560		µg/kg wet	165	3330		76.9	40-130		
2-Nitroaniline	2010		µg/kg wet	165	3330		60.4	40-130		
Benzidine	165	QC2	µg/kg wet	165	3330		4.95	40-130		
3-Nitroaniline	1400		µg/kg wet	165	3330		42.0	40-130		
Pyrene	2280		µg/kg wet	165	3330		68.5	40-130		
4-Nitroaniline	1940		µg/kg wet	660	3330		58.3	40-130		
Nitrobenzene	2070		µg/kg wet	165	3330		62.2	40-130		
Butyl benzyl phthalate	2110		µg/kg wet	165	3330		63.4	40-130		
3,3'-Dichlorobenzidine	2120		µg/kg wet	165	3330		63.7	40-130		
2-Nitrophenol	2260		µg/kg wet	165	3330		67.9	40-130		
Benzo (a) anthracene	2240		µg/kg wet	165	3330		67.3	40-130		
4-Nitrophenol	1700		µg/kg wet	660	3330		51.1	40-130		
N-Nitrosodimethylamine	1690		µg/kg wet	165	3330		50.8	40-130		
Chrysene	2570		µg/kg wet	165	3330		77.2	40-130		
Bis(2-ethylhexyl)phthalate	2150		µg/kg wet	165	3330		64.6	40-130		
N-Nitrosodi-n-propylamine	1600		µg/kg wet	165	3330		48.0	40-130		
N-Nitrosodiphenylamine	2550		µg/kg wet	165	3330		76.6	40-130		
Di-n-octyl phthalate	2280		µg/kg wet	165	3330		68.5	40-130		
Benzo (b) fluoranthene	1660		µg/kg wet	165	3330		49.8	40-130		
Benzo (k) fluoranthene	3530		µg/kg wet	165	3330		106	40-130		
Pentachlorophenol	1790		µg/kg wet	165	3330		53.8	40-130		
Benzo (a) pyrene	2460		µg/kg wet	165	3330		73.9	40-130		
Phenanthrene	2430		µg/kg wet	165	3330		73.0	40-130		
Indeno (1,2,3-cd) pyrene	2260		µg/kg wet	165	3330		67.9	40-130		
Phenol	2000		µg/kg wet	165	3330		60.1	40-130		
Dibenzo (a,h) anthracene	2290		µg/kg wet	165	3330		68.8	40-130		
Pyrene	2280		µg/kg wet	165	3330		68.5	40-130		
Benzo (g,h,i) perylene	2080		µg/kg wet	165	3330		62.5	40-130		
Pyridine	2420		µg/kg wet	165	3330		72.7	40-130		
1,2,4-Trichlorobenzene	2540		µg/kg wet	165	3330		76.3	40-130		
2,4,5-Trichlorophenol	1900		µg/kg wet	165	3330		57.1	40-130		
2,4,6-Trichlorophenol	2220		µg/kg wet	165	3330		66.7	40-130		
1,4-Dichlorobenzene-d4	40.0		µg/kg wet		40.0		69.6	50-200		
1,4-Dichlorobenzene-d4	40.0		µg/kg wet		40.0		69.6	50-200		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
LCS (6120728-BS1)										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Naphthalene-d8	40.0		µg/kg wet		40.0		72.1	50-200		
Naphthalene-d8	40.0		µg/kg wet		40.0		72.1	50-200		
Acenaphthene-d10	40.0		µg/kg wet		40.0		72.9	50-200		
Acenaphthene-d10	40.0		µg/kg wet		40.0		72.9	50-200		
Phenanthrene-d10	40.0		µg/kg wet		40.0		66.4	50-200		
Phenanthrene-d10	40.0		µg/kg wet		40.0		66.4	50-200		
Chrysene-d12	40.0		µg/kg wet		40.0		66.6	50-200		
Chrysene-d12	40.0		µg/kg wet		40.0		66.6	50-200		
Perylene-d12	40.0		µg/kg wet		40.0		60.9	50-200		
Perylene-d12	40.0		µg/kg wet		40.0		60.9	50-200		
Surrogate: 2-Fluorobiphenyl	*2830*		µg/kg wet		*3330*		*85.0*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2830*		µg/kg wet		*3330*		*85.0*	*30-130*		
Surrogate: 2-Fluorophenol	*2100*		µg/kg wet		*3330*		*63.1*	*15-110*		
Surrogate: 2-Fluorophenol	*2100*		µg/kg wet		*3330*		*63.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*2640*		µg/kg wet		*3330*		*79.3*	*30-130*		
Surrogate: Nitrobenzene-d5	*2640*		µg/kg wet		*3330*		*79.3*	*30-130*		
Surrogate: Phenol-d5	*1930*		µg/kg wet		*3330*		*58.0*	*15-110*		
Surrogate: Phenol-d5	*1930*		µg/kg wet		*3330*		*58.0*	*15-110*		
Surrogate: Terphenyl-dl4	*2820*		µg/kg wet		*3330*		*84.7*	*30-130*		
Surrogate: Terphenyl-dl4	*2820*		µg/kg wet		*3330*		*84.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3550*		µg/kg wet		*3330*		*107*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3550*		µg/kg wet		*3330*		*107*	*15-110*		
Duplicate (6120728-DUP1) **Source: SA55346-17**										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Acenaphthene	BRL		µg/kg dry	717		BRL				50
Acenaphthylene	BRL		µg/kg dry	717		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	717		BRL				50
Aniline	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	717		BRL				50
Anthracene	BRL		µg/kg dry	717		BRL				50
Atrazine	BRL		µg/kg dry	717		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	717		BRL				50
Benzidine	BRL		µg/kg dry	717		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	717		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	717		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	717		BRL				50
Benzyl alcohol	BRL		µg/kg dry	717		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	717		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	717		BRL				50
Benzoic acid	BRL		µg/kg dry	717		BRL				50
Hexachloroethane	BRL		µg/kg dry	717		BRL				50
Benzyl alcohol	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	717		BRL				50
Nitrobenzene	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	717		BRL				50
Isophorone	BRL		µg/kg dry	717		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	717		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	717		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	717		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Duplicate (6120728-DUP1) **Source: SA55346-17**										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Butyl benzyl phthalate	BRL		µg/kg dry	717		BRL				50
Carbazole	BRL		µg/kg dry	717		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	717		BRL				50
Benzoic acid	BRL		µg/kg dry	717		BRL				50
4-Chloroaniline	BRL		µg/kg dry	717		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	717		BRL				50
Naphthalene	BRL		µg/kg dry	717		BRL				50
2-Chlorophenol	BRL		µg/kg dry	717		BRL				50
4-Chloroaniline	BRL		µg/kg dry	717		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	717		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	717		BRL				50
Chrysene	BRL		µg/kg dry	717		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	717		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	717		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	717		BRL				50
Dibenzofuran	BRL		µg/kg dry	717		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	717		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	717		BRL				50
2-Nitroaniline	BRL		µg/kg dry	717		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	717		BRL				50
Acenaphthylene	BRL		µg/kg dry	717		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	717		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	717		BRL				50
Diethyl phthalate	BRL		µg/kg dry	717		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	717		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	717		BRL				50
Acenaphthene	BRL		µg/kg dry	717		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	717		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	717		BRL				50
3-Nitroaniline	BRL		µg/kg dry	717		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	717		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	717		BRL				50
Dibenzofuran	BRL		µg/kg dry	717		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	717		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	717		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	717		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	717		BRL				50
Fluorene	BRL		µg/kg dry	717		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	717		BRL				50
Fluoranthene	BRL		µg/kg dry	717		BRL				50
Fluorene	BRL		µg/kg dry	717		BRL				50
Diethyl phthalate	BRL		µg/kg dry	717		BRL				50
4-Nitroaniline	BRL		µg/kg dry	717		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	717		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	717		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	717		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	717		BRL				50
Hexachloroethane	BRL		µg/kg dry	717		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	717		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	717		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	717		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Duplicate (6120728-DUP1) **Source: SA55346-17**										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Hexachlorobenzene	BRL		µg/kg dry	717		BRL				50
Isophorone	BRL		µg/kg dry	717		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	717		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	717		BRL				50
2-Methylphenol	BRL		µg/kg dry	717		BRL				50
Phenanthrene	BRL		µg/kg dry	717		BRL				50
Anthracene	BRL		µg/kg dry	717		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	717		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	717		BRL				50
Naphthalene	BRL		µg/kg dry	717		BRL				50
2-Nitroaniline	BRL		µg/kg dry	717		BRL				50
Fluoranthene	BRL		µg/kg dry	717		BRL				50
Benzidine	BRL		µg/kg dry	717		BRL				50
3-Nitroaniline	BRL		µg/kg dry	717		BRL				50
Pyrene	BRL		µg/kg dry	717		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2870		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	717		BRL				50
Nitrobenzene	BRL		µg/kg dry	717		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	717		BRL				50
2-Nitrophenol	BRL		µg/kg dry	717		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2870		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	717		BRL				50
Chrysene	BRL		µg/kg dry	717		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	717		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	717		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	717		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	717		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	717		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	717		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	717		BRL				50
Pentachlorophenol	BRL		µg/kg dry	717		BRL				50
Phenanthrene	BRL		µg/kg dry	717		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	717		BRL				50
Phenol	BRL		µg/kg dry	717		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	717		BRL				50
Pyrene	BRL		µg/kg dry	717		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	717		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	717		BRL				50
Pyridine	BRL		µg/kg dry	717		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	717		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	717		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	717		BRL				50
Surrogate: 2-Fluorobiphenyl	*5230*		µg/kg dry		*7240*		*72.2*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*5230*		µg/kg dry		*7240*		*72.2*	*30-130*		
Surrogate: 2-Fluorophenol	*4740*		µg/kg dry		*7240*		*65.5*	*30-130*		
Surrogate: 2-Fluorophenol	*4740*		µg/kg dry		*7240*		*65.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*4250*		µg/kg dry		*7240*		*58.7*	*30-130*		
Surrogate: Nitrobenzene-d5	*4250*		µg/kg dry		*7240*		*58.7*	*30-130*		
Surrogate: Phenol-d5	*4820*		µg/kg dry		*7240*		*66.6*	*30-130*		
Surrogate: Phenol-d5	*4820*		µg/kg dry		*7240*		*66.6*	*15-110*		
Surrogate: Terphenyl-dl4	*5830*		µg/kg dry		*7240*		*80.5*	*30-130*		
Surrogate: Terphenyl-dl4	*5830*		µg/kg dry		*7240*		*80.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4230*		µg/kg dry		*7240*		*58.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4230*		µg/kg dry		*7240*		*58.4*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Matrix Spike (6120728-MS1) **Source: SA55346-17**										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Acenaphthene	5300		µg/kg dry	359	7250	BRL	73.1	40-140		
Phenol	7910		µg/kg dry	359	14500	BRL	54.6	30-130		
1,4-Dichlorobenzene	4470		µg/kg dry	359	7250	BRL	61.7	40-140		
4-Chloro-3-methylphenol	9410		µg/kg dry	359	14500	BRL	64.9	30-130		
2-Chlorophenol	8580		µg/kg dry	359	14500	BRL	59.2	30-130		
1,4-Dichlorobenzene	4470		µg/kg dry	359	7250	BRL	61.7	40-140		
Acenaphthene	5300		µg/kg dry	359	7250	BRL	73.1	40-140		
2,4-Dinitrotoluene	4200		µg/kg dry	359	7250	BRL	57.9	40-140		
2,4-Dinitrotoluene	4200		µg/kg dry	359	7250	BRL	57.9	40-140		
Pyrene	5170		µg/kg dry	359	7250	BRL	71.3	40-140		
4-Nitrophenol	7130		µg/kg dry	1440	14500	BRL	49.2	30-130		
N-Nitrosodi-n-propylamine	4540		µg/kg dry	359	7250	BRL	62.6	40-140		
Pentachlorophenol	7860		µg/kg dry	359	14500	BRL	54.2	30-130		
Phenol	7910		µg/kg dry	359	14500	BRL	54.6	30-130		
Pyrene	5170		µg/kg dry	359	7250	BRL	71.3	40-140		
1,2,4-Trichlorobenzene	4730		µg/kg dry	359	7250	BRL	65.2	40-140		
1,4-Dichlorobenzene-d4	40.0		µg/kg dry		40.0		71.6	50-200		
1,4-Dichlorobenzene-d4	40.0		µg/kg dry		40.0		71.6	50-200		
Naphthalene-d8	40.0		µg/kg dry		40.0		89.1	50-200		
Naphthalene-d8	40.0		µg/kg dry		40.0		89.1	50-200		
Acenaphthene-d10	40.0		µg/kg dry		40.0		83.2	50-200		
Acenaphthene-d10	40.0		µg/kg dry		40.0		83.2	50-200		
Phenanthrene-d10	40.0		µg/kg dry		40.0		78.2	50-200		
Phenanthrene-d10	40.0		µg/kg dry		40.0		78.2	50-200		
Chrysene-d12	40.0		µg/kg dry		40.0		76.4	50-200		
Chrysene-d12	40.0		µg/kg dry		40.0		76.4	50-200		
Perylene-d12	40.0		µg/kg dry		40.0		67	50-200		
Perylene-d12	40.0		µg/kg dry		40.0		67	50-200		
Surrogate: 2-Fluorobiphenyl	*5850*		µg/kg dry		*7250*		*80.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*5850*		µg/kg dry		*7250*		*80.7*	*30-130*		
Surrogate: 2-Fluorophenol	*4320*		µg/kg dry		*7250*		*59.6*	*30-130*		
Surrogate: 2-Fluorophenol	*4320*		µg/kg dry		*7250*		*59.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*4590*		µg/kg dry		*7250*		*63.3*	*30-130*		
Surrogate: Nitrobenzene-d5	*4590*		µg/kg dry		*7250*		*63.3*	*30-130*		
Surrogate: Phenol-d5	*5370*		µg/kg dry		*7250*		*74.1*	*30-130*		
Surrogate: Phenol-d5	*5370*		µg/kg dry		*7250*		*74.1*	*15-110*		
Surrogate: Terphenyl-dl4	*6120*		µg/kg dry		*7250*		*84.4*	*30-130*		
Surrogate: Terphenyl-dl4	*6120*		µg/kg dry		*7250*		*84.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*7100*		µg/kg dry		*7250*		*97.9*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*7100*		µg/kg dry		*7250*		*97.9*	*30-130*		
Matrix Spike Dup (6120728-MSD1) **Source: SA55346-17**										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Acenaphthene	5150		µg/kg dry	357	7200	BRL	71.5	40-140	2.21	30
Phenol	7650		µg/kg dry	357	14400	BRL	53.1	30-130	2.79	30
1,4-Dichlorobenzene	4510		µg/kg dry	357	7200	BRL	62.6	40-140	1.45	30
4-Chloro-3-methylphenol	9220		µg/kg dry	357	14400	BRL	64.0	30-130	1.40	30
2-Chlorophenol	8640		µg/kg dry	357	14400	BRL	60.0	30-130	1.34	30
1,4-Dichlorobenzene	4510		µg/kg dry	357	7200	BRL	62.6	40-140	1.45	30
Acenaphthene	5150		µg/kg dry	357	7200	BRL	71.5	40-140	2.21	30
2,4-Dinitrotoluene	4250		µg/kg dry	357	7200	BRL	59.0	40-140	1.88	30
2,4-Dinitrotoluene	4250		µg/kg dry	357	7200	BRL	59.0	40-140	1.88	30
Pyrene	5060		µg/kg dry	357	7200	BRL	70.3	40-140	1.41	30
4-Nitrophenol	7490		µg/kg dry	1430	14400	BRL	52.0	30-130	5.53	30
N-Nitrosodi-n-propylamine	4510		µg/kg dry	357	7200	BRL	62.6	40-140	0.00	30
Pentachlorophenol	7990		µg/kg dry	357	14400	BRL	55.5	30-130	2.37	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120728 - SW846 3550B										
Matrix Spike Dup (6120728-MSD1) Source: SA55346-17										
Prepared: 11-Dec-06 Analyzed: 13-Dec-06										
Phenol	7650		µg/kg dry	357	14400	BRL	53.1	30-130	2.79	30
Pyrene	5060		µg/kg dry	357	7200	BRL	70.3	40-140	1.41	30
1,2,4-Trichlorobenzene	4650		µg/kg dry	357	7200	BRL	64.6	40-140	0.924	30
Surrogate: 2-Fluorobiphenyl	*5830*		µg/kg dry		*7200*		*81.0*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*5830*		µg/kg dry		*7200*		*81.0*	*30-130*		
Surrogate: 2-Fluorophenol	*4410*		µg/kg dry		*7200*		*61.2*	*15-110*		
Surrogate: 2-Fluorophenol	*4410*		µg/kg dry		*7200*		*61.2*	*30-130*		
Surrogate: Nitrobenzene-d5	*4610*		µg/kg dry		*7200*		*64.0*	*30-130*		
Surrogate: Nitrobenzene-d5	*4610*		µg/kg dry		*7200*		*64.0*	*30-130*		
Surrogate: Phenol-d5	*5070*		µg/kg dry		*7200*		*70.4*	*15-110*		
Surrogate: Phenol-d5	*5070*		µg/kg dry		*7200*		*70.4*	*30-130*		
Surrogate: Terphenyl-dl4	*6080*		µg/kg dry		*7200*		*84.4*	*30-130*		
Surrogate: Terphenyl-dl4	*6080*		µg/kg dry		*7200*		*84.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*7120*		µg/kg dry		*7200*		*98.9*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*7120*		µg/kg dry		*7200*		*98.9*	*30-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120709 - EPA200/SW7000 Series										
Blank (6120709-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	BRL		mg/kg wet	0.0279						
Duplicate (6120709-DUP1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.0162	J,QR1	mg/kg dry	0.0342		0.0273			51.0	20
Matrix Spike (6120709-MS1) **Source: SA55330-02**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.547		mg/kg dry	0.0366	0.508	0.0318	101	75-125		
Matrix Spike (6120709-MS2) **Source: SA55330-03**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.516		mg/kg dry	0.0381	0.530	BRL	97.4	75-125		
Post Spike (6120709-PS1) **Source: SA55330-02**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.554		mg/kg dry	0.0390	0.541	0.0318	96.5	75-125		
Reference (6120709-SRM1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	1.68		mg/kg wet	0.0300	1.53		110	66-132.6		
Batch 6120710 - SW846 3005A										
Blank (6120710-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0075						
Barium	BRL		mg/l	0.0050						
LCS (6120710-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	0.538		mg/l	0.0075	0.500		108	85-115		
Selenium	0.542		mg/l	0.0150	0.500		108	85-115		
Chromium	0.526		mg/l	0.0050	0.500		105	85-115		
Silver	0.544		mg/l	0.0075	0.500		109	85-115		
Barium	0.588	QC1	mg/l	0.0050	0.500		118	85-115		
Arsenic	0.544		mg/l	0.0040	0.500		109	85-115		
Cadmium	0.562		mg/l	0.0025	0.500		112	85-115		
LCS Dup (6120710-BSD1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	0.492		mg/l	0.0075	0.500		98.4	85-115	8.93	20
Selenium	0.500		mg/l	0.0150	0.500		100	85-115	8.06	20
Silver	0.502		mg/l	0.0075	0.500		100	85-115	8.03	20
Chromium	0.489		mg/l	0.0050	0.500		97.8	85-115	7.29	20
Arsenic	0.502		mg/l	0.0040	0.500		100	85-115	8.03	20
Barium	0.543		mg/l	0.0050	0.500		109	85-115	7.96	20
Cadmium	0.514		mg/l	0.0025	0.500		103	85-115	8.92	20
Duplicate (6120710-DUP1) **Source: SA55330-21**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	BRL		mg/l	0.0750		BRL				20
Lead	1.14		mg/l	0.0375		1.10			3.57	20

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Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120710 - SW846 3005A										
Duplicate (6120710-DUP1) **Source: SA55330-21**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Arsenic	0.170		mg/l	0.0200		0.166			2.38	20
Barium	0.617		mg/l	0.0250		0.600			2.79	20
Silver	0.0315	J	mg/l	0.0375		0.0338			7.04	20
Cadmium	0.0050	J,QR1	mg/l	0.0125		0.0075			40.0	20
Chromium	0.141		mg/l	0.0250		0.137			2.88	20

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120708 - EPA 200 Series										
Blank (6120708-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Silver	BRL		mg/kg wet	0.988						
Selenium	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	0.741						
Cadmium	BRL		mg/kg wet	0.247						
Chromium	BRL		mg/kg wet	0.494						
Arsenic	BRL		mg/kg wet	1.48						
Barium	BRL		mg/kg wet	0.494						
LCS (6120708-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Silver	118		mg/kg wet	1.00	125		94.4	85-115		
Selenium	137		mg/kg wet	1.50	125		110	85-115		
Lead	130		mg/kg wet	0.750	125		104	85-115		
Arsenic	131		mg/kg wet	1.50	125		105	85-115		
Chromium	135		mg/kg wet	0.500	125		108	85-115		
Cadmium	135		mg/kg wet	0.250	125		108	85-115		
Barium	135		mg/kg wet	0.500	125		108	85-115		
Duplicate (6120708-DUP1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Silver	BRL		mg/kg dry	1.21		BRL				35
Selenium	2.58		mg/kg dry	1.82		2.51			2.75	35
Lead	87.0	QR5	mg/kg dry	0.910		30.1			97.2	35
Cadmium	1.22	QR5	mg/kg dry	0.303		0.812			40.2	35
Arsenic	3.20		mg/kg dry	1.82		2.30			32.7	35
Chromium	43.9		mg/kg dry	0.607		33.6			26.6	35
Barium	177		mg/kg dry	0.607		168			5.22	35
Matrix Spike (6120708-MS1) **Source: SA55330-02**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	166		mg/kg dry	1.96	163	1.48	101	70-130		
Silver	145		mg/kg dry	1.31	163	BRL	89.0	70-130		
Lead	306		mg/kg dry	0.980	163	145	98.8	70-130		
Chromium	185		mg/kg dry	0.654	163	24.4	98.5	70-130		
Arsenic	175		mg/kg dry	1.96	163	10.0	101	70-130		
Cadmium	167		mg/kg dry	0.327	163	0.841	102	70-130		
Barium	261		mg/kg dry	0.654	163	85.4	108	70-130		
Matrix Spike (6120708-MS2) **Source: SA55330-03**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	148		mg/kg dry	1.80	150	0.991	98.0	70-130		
Silver	128		mg/kg dry	1.20	150	BRL	85.3	70-130		
Lead	143		mg/kg dry	0.899	150	3.02	93.3	70-130		
Arsenic	149		mg/kg dry	1.80	150	0.857	98.8	70-130		
Cadmium	149		mg/kg dry	0.300	150	0.288	99.1	70-130		
Chromium	157		mg/kg dry	0.600	150	11.3	97.1	70-130		
Barium	184		mg/kg dry	0.600	150	34.6	99.6	70-130		
Post Spike (6120708-PS1) **Source: SA55330-02**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	163		mg/kg dry	1.86	155	1.48	104	85-115		
Silver	143		mg/kg dry	1.24	155	BRL	92.3	85-115		
Chromium	179		mg/kg dry	0.622	155	24.4	99.7	85-115		
Arsenic	171		mg/kg dry	1.86	155	10.0	104	85-115		
Cadmium	164		mg/kg dry	0.311	155	0.841	105	85-115		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120708 - EPA 200 Series										
Post Spike (6120708-PS1) Source: SA55330-02										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Barium	246		mg/kg dry	0.622	155	85.4	104	85-115		
Reference (6120708-SRM1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Silver	57.0		mg/kg wet	1.00	50.6		113	66.3-133.3		
Selenium	84.4		mg/kg wet	1.50	72.1		117	77.5-122.5		
Chromium	73.0		mg/kg wet	0.500	62.7		116	80.5-119.2		
Arsenic	89.6		mg/kg wet	1.50	78.9		114	76.8-123.2		
Lead	68.6		mg/kg wet	0.750	62.7		109	78.4-120.8		
Cadmium	54.9		mg/kg wet	0.250	49.8		110	80.1-119.6		
Barium	154		mg/kg wet	0.500	142		108	82-118		
Batch 6120712 - EPA200/SW7000 Series										
Blank (6120712-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120712-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00215		mg/l	0.00020	0.00250		86.0	80-120		
Duplicate (6120712-DUP1) Source: SA55330-21										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00173		mg/l	0.00020		0.00207			17.9	20
Matrix Spike (6120712-MS1) Source: SA55507-03										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00018	QM8	mg/l	0.00020	0.00250	BRL	7.20	75-125		
Matrix Spike Dup (6120712-MSD1) Source: SA55507-03										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00020	QM8	mg/l	0.00020	0.00250	BRL	8.00	75-125	10.5	20
Post Spike (6120712-PS1) Source: SA55507-03										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00222		mg/l	0.00020	0.00250	BRL	88.8	75-125		

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120942 - SW846 3010A										
Blank (6120942-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (6120942-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	1.22		mg/l	0.0075	1.25		97.6	72.8-111		
Selenium	1.23		mg/l	0.0150	1.25		98.4	67.3-113		
Silver	1.09		mg/l	0.0100	1.25		87.2	56.1-118		
Arsenic	1.21		mg/l	0.0150	1.25		96.8	68.7-111		
Chromium	1.28		mg/l	0.0050	1.25		102	72-119		
Cadmium	1.29		mg/l	0.0025	1.25		103	71.8-121		
Barium	1.30		mg/l	0.0050	1.25		104	77.1-125		
LCS Dup (6120942-BSD1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	1.22		mg/l	0.0075	1.25		97.6	72.8-111	0.00	20
Selenium	1.23		mg/l	0.0150	1.25		98.4	67.3-113	0.00	20
Cadmium	1.28		mg/l	0.0025	1.25		102	71.8-121	0.778	20
Silver	1.05		mg/l	0.0100	1.25		84.0	56.1-118	3.74	20
Arsenic	1.21		mg/l	0.0150	1.25		96.8	68.7-111	0.00	20
Chromium	1.27		mg/l	0.0050	1.25		102	72-119	0.784	20
Barium	1.28		mg/l	0.0050	1.25		102	77.1-125	1.55	20
Duplicate (6120942-DUP1) **Source: SA55330-20**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Barium	0.0030	J	mg/l	0.0050		0.0034			12.5	20
Matrix Spike (6120942-MS1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	1.22		mg/l	0.0150	1.25	BRL	97.6	73-113		
Lead	1.22		mg/l	0.0075	1.25	0.0030	97.4	81-107		
Silver	1.11		mg/l	0.0100	1.25	BRL	88.8	63.7-113		
Chromium	1.28		mg/l	0.0050	1.25	0.0041	102	83.1-112		
Arsenic	1.22		mg/l	0.0150	1.25	BRL	97.6	76.7-109		
Cadmium	1.28		mg/l	0.0025	1.25	BRL	102	81.1-115		
Barium	1.34		mg/l	0.0050	1.25	0.0358	104	85.6-121		
Matrix Spike Dup (6120942-MSD1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	73-113	3.23	35
Lead	1.24		mg/l	0.0075	1.25	0.0030	99.0	81-107	1.63	20
Silver	1.09		mg/l	0.0100	1.25	BRL	87.2	63.7-113	1.82	35
Arsenic	1.25		mg/l	0.0150	1.25	BRL	100	76.7-109	2.43	35
Cadmium	1.31		mg/l	0.0025	1.25	BRL	105	81.1-115	2.32	35

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120942 - SW846 3010A										
Matrix Spike Dup (6120942-MSD1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Chromium	1.30		mg/l	0.0050	1.25	0.0041	104	83.1-112	1.55	35
Barium	1.37		mg/l	0.0050	1.25	0.0358	107	85.6-121	2.21	35
Post Spike (6120942-PS1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	80-120		
Lead	1.24		mg/l	0.0075	1.25	0.0030	99.0	80-120		
Silver	1.24		mg/l	0.0100	1.25	BRL	99.2	80-120		
Arsenic	1.24		mg/l	0.0150	1.25	BRL	99.2	80-120		
Chromium	1.30		mg/l	0.0050	1.25	0.0041	104	80-120		
Cadmium	1.31		mg/l	0.0025	1.25	BRL	105	80-120		
Barium	1.36		mg/l	0.0050	1.25	0.0358	106	80-120		
Batch 6120943 - EPA200/SW7000 Series										
Blank (6120943-BLK1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6120943-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00221		mg/l	0.00040	0.00250		88.4	65.5-119		
Duplicate (6120943-DUP1) **Source: SA55330-20**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (6120943-MS1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00237		mg/l	0.00040	0.00250	BRL	94.8	62.8-125		
Matrix Spike Dup (6120943-MSD1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00235		mg/l	0.00040	0.00250	BRL	94.0	62.8-125	0.847	20
Post Spike (6120943-PS1) **Source: SA55330-01**										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
Mercury	0.00247		mg/l	0.00040	0.00250	BRL	98.8	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120913 - General Preparation										
Duplicate (6120913-DUP1) **Source: SA55330-01**										
Prepared & Analyzed: 13-Dec-06										
% Solids	81.2		%			81.1			0.123	20

Notes and Definitions

*TPH	Calculated as
__RE	Reanalysis for data confirmation.
Comp	Completed
E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM1	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
R01	The Reporting Limit for this analyte has been raised to account for matrix interference.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Christopher Hall
Nicole Brown

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: Busway - W. Hartford, CT	Busway - W. Hartford, CT/ 171-305
This Form Provides certifications for the following data set: SA55330-01 SA55330-11 SA55330-21 SA55330-02 SA55330-12 SA55330-22 SA55330-03 SA55330-13 SA55330-23 SA55330-04 SA55330-14 SA55330-05 SA55330-15 SA55330-06 SA55330-16 SA55330-07 SA55330-17 SA55330-08 SA55330-18 SA55330-09 SA55330-19 SA55330-10 SA55330-20	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☐ Yes ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☐ Yes ☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☐ Yes ☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 12/15/2006

SA55330 mr

SPECTRUM ANALYTICAL, INC.
Formerly
HANNAH TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-6-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
3541 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stack - MDE

Invoice To: CTDOT - DAS Contract
c/o LES
Rush Order # 1527
P.O. No.: RQN:

Project No.: 121-305
Site Name: Bunny - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	Pesticides - 8081A	PCBs - 8082	SVOCs - Acid Extractables 8270	QA Reporting Notes: (check if needed)
SA55330-01	470-12 2'-4'	12-7-06		C	SO		3	1			X	X		X	X	X	X	X	elevated PID readings
02	470-12 4'-8'															X	X	X	↓
03	470-15 4'-8'												X						
04	470-16 2'-4'												X						
05	470-19 2'-4'												X						
06	470-20 4'-8'												X						
07	470-24 2'-4'												X						elevated PID readings
08	470-24 4'-8'												X						↓
09	470-25 2'-4'												X				X		
10	470-25 4'-8'			↓	↓		↓	↓			↓	↓	X	↓	↓		X		

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF
Condition upon receipt: ☐ Iced ☐ Ambient ☒ 0

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/8/06	10:0
[signature]	[signature]	12/8/06	15:30

rw 12/8/06

SA55330

SPECTRUM ANALYTICAL, INC.
Featuring
HANDBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 12-14-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MOE

Invoice To: CTDOT - DAS Contract
RUSH ORDER # 1527
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - Flatbush Sta.
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: VOCs-8260, CTETPH, SVOCs - Base Neutrals Acid Extractables 8270, Pesticides - 8081A, PCBs - 8082, SVOCs - Base Neutrals 8270, Total RCRA 8 Metals, SPLP RCRA 8 Metals

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CTDEP GB PMC + RDEC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs-8260	CTETPH	SVOCs - Base Neutrals Acid Extractables 8270	Pesticides - 8081A	PCBs - 8082	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	QA Reporting Notes
SA55330-11	470-27 4-8	12-7-06		C	SO		3	1			X	X	[redacted]	[redacted]	[redacted]	X	X	X	
12	470-28 4-8	↓		↓	↓		↓	↓			↓	↓	X	X	X		↓	↓	
13	470-32 2-4	↓		↓	↓		↓	↓			↓	↓	X	X	X		↓	↓	
14	470-33 4-8	↓		↓	↓		↓	↓			↓	↓	X	X	X		↓	↓	
15	470-34 2-4	↓		↓	↓		↓	↓			↓	↓	X	X	X		↓	↓	
16	470-35 2-4	↓		↓	↓		↓	↓			↓	↓				X	↓	↓	
17	470-36 2-4	↓		↓	↓		↓	↓			↓	↓				↓	↓	↓	elevated PID readings
18	470-36 4-8	↓		↓	↓		↓	↓			↓	↓				↓	↓	↓	↓
19	470-37 0-2	↓		↓	↓		↓	↓			↓	↓				↓	↓	↓	↓
20	470-37 4-8	↓		↓	↓		↓	↓			↓	↓				↓	↓	↓	↓

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 0

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/8/06	1210
[signature]	[signature]	12/8/06	1550

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

in cooler

SAS5330

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-14-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stocke - MDI

Invoice To: CTDOT - DAS contract
c/o LES
RUSH ORDER # 1527
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Blank Water X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	SVOCs - Base Neutrals/Acid Extractable 8270	SVOCs - Base Neutrals 8270	Total PCBs & Metals	Pesticides - 8081A	PCBs - 8082	QA Reporting Notes:
SAS5330-21	470-12 GW	12-7-06		G	GW		3	4		1	X	X	X		X	X	X	
22	FB-2	↓			X1		3	2		1	↓	X		X	X			
23	TB-2				X1		1				↓							

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report
- QA/QC Reporting Level: ☒ Standard ☐ No QC
- ☐ Other
- State specific reporting standards: CTDEP SWPC + RVOC

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 0

Relinquished by:	Received by:	Date:	Time:
		12/8/06	1210
		12/8/06	1550

1W 100 cm

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA55399-15	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121175	tr
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06
SA55399-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121175	tr
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	12-Dec-06	13-Dec-06	6120771	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.56	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA55399-15	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	5.56	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
120-12-7	Anthracene	BRL		µg/l	5.56	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.56	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.56	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.56	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.56	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.56	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.56	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.56	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.56	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.56	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.56	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.56	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.56	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.56	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.56	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	5.56	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.56	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.56	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.56	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.56	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.56	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.56	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.56	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.56	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.56	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.56	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.56	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.56	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.56	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-3 SA55399-15	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	5.56	1	SW846 8270C	12-Dec-06	15-Dec-06	6120827	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*85.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*82.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*80.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*70.7*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	13-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60.4*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.7*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-Dec-06	15-Dec-06	6120845	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	14-Dec-06	14-Dec-06	6120846	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-3 SA55399-16	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121175	tr
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MiBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-3	171-305	Blank Water	08-Dec-06 00:00	11-Dec-06
SA55399-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121175	tr
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-35 SA55399-17	171-305	Concrete	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	12-Dec-06	12-Dec-06	6120877	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	4.9	1	SW 846 8260B	15-Dec-06	15-Dec-06	6121187	RLJ
67-64-1	Acetone	BRL		µg/kg dry	98.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	49.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-35	171-305	Concrete	08-Dec-06 00:00	11-Dec-06
SA55399-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Ana
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	SW 846 8260B	15-Dec-06	15-Dec-06	6121187	RL
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.6	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*32.8*	SDUP	*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	47.6	1	+CT ETPH	14-Dec-06	15-Dec-06	6121030	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	47.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	47.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	47.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	47.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	47.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	47.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	47.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	47.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	47.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73.6*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-35 SA55399-17	171-305	Concrete	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	29.3	1	SW846 8082	13-Dec-06	13-Dec-06	6120897	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	29.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	29.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	29.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	29.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	29.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	29.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	29.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	29.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*81.5*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1180	1	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1180	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1180	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1180	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1180	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1180	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1180	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1180	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1180	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1180	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1180	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1180	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1180	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1180	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1180	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1180	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1180	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1180	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1180	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	1180	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1180	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	1180	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1180	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1180	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1180	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1180	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1180	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1180	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1180	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1180	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1180	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1180	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-35	171-305	Concrete	08-Dec-06 00:00	11-Dec-06
SA55399-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
85-01-8	Phenanthrene	BRL		µg/kg dry	1180	1	SW846 8270C	14-Dec-06	15-Dec-06	6121029	M.B
120-12-7	Anthracene	BRL		µg/kg dry	1180	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	1180	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1180	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	1180	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1180	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1180	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1180	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1180	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1180	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1180	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1180	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1180	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1180	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1180	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*49.2*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55.7*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0306	1	SW846 7471A	14-Dec-06	15-Dec-06	6120843	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.28	1	EPA 200.7	14-Dec-06	15-Dec-06	6120841	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.54	1	"	"	"	"	"
7440-39-3	Barium	45.9		mg/kg dry	0.512	1	"	"	"	"	"
7440-43-9	Cadmium	0.328		mg/kg dry	0.256	1	"	"	"	"	"
7440-47-3	Chromium	12.1		mg/kg dry	0.512	1	"	"	"	"	"
7439-92-1	Lead	3.40		mg/kg dry	0.768	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	13-Dec-06	13-Dec-06	6121014	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	14-Dec-06	15-Dec-06	6121071	RM
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0962		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	15-Dec-06	6121072	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	15-Dec-06	6121071	RM
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.4		%		1	SM2540 G Mod.	14-Dec-06	14-Dec-06	6121048	BD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-36 SA55399-18	171-305	Concrete	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	12-Dec-06	12-Dec-06	6120877	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.0	1	SW 846 8260B	15-Dec-06	15-Dec-06	6121187	RLJ
67-64-1	Acetone	161		µg/kg dry	101	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	50.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	50.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	50.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C-470-36 SA55399-18	171-305	Concrete	08-Dec-06 00:00	11-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	SW 846 8260B	15-Dec-06	15-Dec-06	6121187	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	15.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	101	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*32.0*	SGC	*70-130 %*			"	"	"	"	"
Volatile Organic Compounds										SA55399-18RE1	
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.5	1	SW 846 8260B	15-Dec-06	15-Dec-06	6121187	RLJ
67-64-1	Acetone	BRL		µg/kg dry	111	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121102 - SW846 5035A Soil (low level)										
Blank (6121102-BLK1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121102 - SW846 5035A Soil (low level)										
Blank (6121102-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*47.7*		µg/kg wet		*50.0*		*95.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.1*		µg/kg wet		*50.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*58.6*		µg/kg wet		*50.0*		*117*	*70-130*		
LCS (6121102-BS1)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/kg wet		20.0		93.0	70-130		
Acetone	6.4		µg/kg wet		20.0		32.0	3.31-159		
Acrylonitrile	20.5		µg/kg wet		20.0		102	70-130		
Benzene	17.7		µg/kg wet		20.0		88.5	70-130		
Bromobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromoform	23.9		µg/kg wet		20.0		120	70-130		
Bromomethane	10.2		µg/kg wet		20.0		51.0	50-140		
2-Butanone (MEK)	16.5		µg/kg wet		20.0		82.5	47.7-127		
n-Butylbenzene	18.3		µg/kg wet		20.0		91.5	70-130		
sec-Butylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
tert-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Carbon disulfide	16.5		µg/kg wet		20.0		82.5	70-130		
Carbon tetrachloride	18.7		µg/kg wet		20.0		93.5	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Chloroethane	18.2		µg/kg wet		20.0		91.0	55.9-135		
Chloroform	17.8		µg/kg wet		20.0		89.0	70-130		
Chloromethane	14.6		µg/kg wet		20.0		73.0	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	24.8		µg/kg wet		20.0		124	70-130		
Dibromochloromethane	22.2		µg/kg wet		20.0		111	72-125		
1,2-Dibromoethane (EDB)	24.0		µg/kg wet		20.0		120	70-130		
Dibromomethane	21.8		µg/kg wet		20.0		109	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121102 - SW846 5035A Soil (low level)										
LCS (6121102-BS1)										
Prepared & Analyzed: 14-Dec-06										
1,3-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,4-Dichlorobenzene	19.3		µg/kg wet		20.0		96.5	70-130		
Dichlorodifluoromethane (Freon12)	18.2		µg/kg wet		20.0		91.0	42.3-190		
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1-Dichloroethene	16.4		µg/kg wet		20.0		82.0	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91.0	70-130		
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88.0	70-130		
1,2-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130		
1,3-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	14.8		µg/kg wet		20.0		74.0	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90.0	70-130		
cis-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
trans-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
Ethylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88.0	70-137		
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92.0	70-130		
Isopropylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		95.5	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	23.2		µg/kg wet		20.0		116	48.5-127		
Methylene chloride	17.5		µg/kg wet		20.0		87.5	70-130		
Naphthalene	22.9		µg/kg wet		20.0		114	70-130		
n-Propylbenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Styrene	20.1		µg/kg wet		20.0		100	70-130		
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130		
1,1,2,2-Tetrachloroethane	23.6		µg/kg wet		20.0		118	70-130		
Tetrachloroethene	17.3		µg/kg wet		20.0		86.5	70-130		
Toluene	17.3		µg/kg wet		20.0		86.5	70-130		
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
1,1,1-Trichloroethane	18.7		µg/kg wet		20.0		93.5	70-130		
1,1,2-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130		
Trichloroethene	17.4		µg/kg wet		20.0		87.0	70-130		
Trichlorofluoromethane (Freon 11)	18.3		µg/kg wet		20.0		91.5	66.5-144		
1,2,3-Trichloropropane	28.1	QC1	µg/kg wet		20.0		140	70-130		
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Vinyl chloride	18.6		µg/kg wet		20.0		93.0	70-130		
m,p-Xylene	36.7		µg/kg wet		40.0		91.8	70-130		
o-Xylene	20.1		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130		
Ethyl ether	19.4		µg/kg wet		20.0		97.0	64.9-123		
Tert-amyl methyl ether	18.3		µg/kg wet		20.0		91.5	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98.0	70-130		
Di-isopropyl ether	16.2		µg/kg wet		20.0		81.0	70-130		
Tert-Butanol / butyl alcohol	216		µg/kg wet		200		108	70-130		
1,4-Dioxane	298	QC1	µg/kg wet		200		149	40-134		
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.4*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*53.1*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS Dup (6121102-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121102 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 14-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96.0	70-130	3.17	25
Acetone	3.9		µg/kg wet		20.0		19.5	3.31-159	48.5	50
Acrylonitrile	18.4		µg/kg wet		20.0		92.0	70-130	10.3	25
Benzene	18.4		µg/kg wet		20.0		92.0	70-130	3.88	25
Bromobenzene	21.7		µg/kg wet		20.0		108	70-130	8.19	25
Bromochloromethane	21.7		µg/kg wet		20.0		108	70-130	5.71	25
Bromodichloromethane	20.5		µg/kg wet		20.0		102	70-130	0.985	25
Bromoform	24.8		µg/kg wet		20.0		124	70-130	3.28	25
Bromomethane	13.2		µg/kg wet		20.0		66.0	50-140	25.6	50
2-Butanone (MEK)	16.3		µg/kg wet		20.0		81.5	47.7-127	1.22	50
n-Butylbenzene	18.1		µg/kg wet		20.0		90.5	70-130	1.10	25
sec-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	10.8	25
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130	10.4	25
Carbon disulfide	16.1		µg/kg wet		20.0		80.5	70-130	2.45	25
Carbon tetrachloride	20.0		µg/kg wet		20.0		100	70-130	6.72	25
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	2.03	25
Chloroethane	18.8		µg/kg wet		20.0		94.0	55.9-135	3.24	50
Chloroform	17.9		µg/kg wet		20.0		89.5	70-130	0.560	25
Chloromethane	15.5		µg/kg wet		20.0		77.5	70-130	5.98	25
2-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	1.90	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	2.93	25
1,2-Dibromo-3-chloropropane	25.0		µg/kg wet		20.0		125	70-130	0.803	25
Dibromochloromethane	21.4		µg/kg wet		20.0		107	72-125	3.67	50
1,2-Dibromoethane (EDB)	22.8		µg/kg wet		20.0		114	70-130	5.13	25
Dibromomethane	20.9		µg/kg wet		20.0		104	70-130	4.69	25
1,2-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	4.93	25
1,3-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	3.92	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130	2.56	25
Dichlorodifluoromethane (Freon12)	19.2		µg/kg wet		20.0		96.0	42.3-190	5.35	50
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88.0	70-130	2.30	25
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130	3.81	25
1,1-Dichloroethene	16.1		µg/kg wet		20.0		80.5	70-130	1.85	25
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97.0	70-130	6.38	25
trans-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130	2.25	25
1,2-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130	0.00	25
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130	3.70	25
2,2-Dichloropropane	16.6		µg/kg wet		20.0		83.0	70-130	11.5	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96.0	70-130	6.45	25
cis-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	0.00	25
trans-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130	3.85	25
Ethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	5.18	25
Hexachlorobutadiene	19.2		µg/kg wet		20.0		96.0	70-137	8.70	50
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		88.5	70-130	3.88	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99.0	70-130	6.79	25
4-Isopropyltoluene	19.5		µg/kg wet		20.0		97.5	70-130	2.07	25
Methyl tert-butyl ether	21.6		µg/kg wet		20.0		108	70-130	1.87	25
4-Methyl-2-pentanone (MIBK)	20.9		µg/kg wet		20.0		104	48.5-127	10.9	50
Methylene chloride	18.1		µg/kg wet		20.0		90.5	70-130	3.37	25
Naphthalene	26.1		µg/kg wet		20.0		130	70-130	13.1	25
n-Propylbenzene	21.7		µg/kg wet		20.0		108	70-130	8.70	25
Styrene	21.1		µg/kg wet		20.0		106	70-130	5.83	25
1,1,1,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130	0.905	25
1,1,2,2-Tetrachloroethane	23.4		µg/kg wet		20.0		117	70-130	0.851	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95.0	70-130	9.37	25
Toluene	17.5		µg/kg wet		20.0		87.5	70-130	1.15	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121102 - SW846 5035A Soil (low level)										
LCS Dup (6121102-BSD1)										
Prepared & Analyzed: 14-Dec-06										
1,2,3-Trichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	7.41	25
1,2,4-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	0.501	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99.0	70-130	5.71	25
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	6.70	25
Trichloroethene	17.8		µg/kg wet		20.0		89.0	70-130	2.27	25
Trichlorofluoromethane (Freon 11)	19.9		µg/kg wet		20.0		99.5	66.5-144	8.38	50
1,2,3-Trichloropropane	25.0		µg/kg wet		20.0		125	70-130	11.3	25
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	3.92	25
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	6.45	25
Vinyl chloride	17.3		µg/kg wet		20.0		86.5	70-130	7.24	25
m,p-Xylene	41.7		µg/kg wet		40.0		104	70-130	12.5	25
o-Xylene	21.8		µg/kg wet		20.0		109	70-130	8.61	25
Tetrahydrofuran	18.9		µg/kg wet		20.0		94.5	70-130	9.57	25
Ethyl ether	20.2		µg/kg wet		20.0		101	64.9-123	4.04	50
Tert-amyl methyl ether	21.9		µg/kg wet		20.0		110	70-130	18.4	25
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99.0	70-130	1.02	25
Di-isopropyl ether	15.1		µg/kg wet		20.0		75.5	70-130	7.03	25
Tert-Butanol / butyl alcohol	196		µg/kg wet		200		98.0	70-130	9.71	25
1,4-Dioxane	227	QR5	µg/kg wet		200		114	40-134	26.6	25
Surrogate: 4-Bromofluorobenzene	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*96.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.6*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
Batch 6121162 - SW846 5030 Soil (high level)										
Blank (6121162-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121162 - SW846 5030 Soil (high level)										
Blank (6121162-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96.0*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/kg wet		*30.0*		*81.3*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/kg wet		*30.0*		*95.3*	*70-130*		
LCS (6121162-BS1)										
Prepared & Analyzed: 15-Dec-06										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121162 - SW846 5030 Soil (high level)										
LCS (6121162-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.6		µg/kg wet		20.0		103	70-130		
Acetone	14.7		µg/kg wet		20.0		73.5	3.31-159		
Acrylonitrile	15.9		µg/kg wet		20.0		79.5	70-130		
Benzene	18.1		µg/kg wet		20.0		90.5	70-130		
Bromobenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Bromochloromethane	17.5		µg/kg wet		20.0		87.5	70-130		
Bromodichloromethane	16.2		µg/kg wet		20.0		81.0	70-130		
Bromoform	13.6	QC2	µg/kg wet		20.0		68.0	70-130		
Bromomethane	16.4		µg/kg wet		20.0		82.0	50-140		
2-Butanone (MEK)	13.7		µg/kg wet		20.0		68.5	47.7-127		
n-Butylbenzene	27.8	QC2	µg/kg wet		20.0		139	70-130		
sec-Butylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
tert-Butylbenzene	18.7		µg/kg wet		20.0		93.5	70-130		
Carbon disulfide	17.5		µg/kg wet		20.0		87.5	70-130		
Carbon tetrachloride	16.8		µg/kg wet		20.0		84.0	70-130		
Chlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Chloroethane	16.8		µg/kg wet		20.0		84.0	55.9-135		
Chloroform	16.3		µg/kg wet		20.0		81.5	70-130		
Chloromethane	17.8		µg/kg wet		20.0		89.0	70-130		
2-Chlorotoluene	16.5		µg/kg wet		20.0		82.5	70-130		
4-Chlorotoluene	17.6		µg/kg wet		20.0		88.0	70-130		
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81.0	70-130		
Dibromochloromethane	16.6		µg/kg wet		20.0		83.0	72-125		
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130		
Dibromomethane	18.3		µg/kg wet		20.0		91.5	70-130		
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
1,3-Dichlorobenzene	18.1		µg/kg wet		20.0		90.5	70-130		
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Dichlorodifluoromethane (Freon12)	23.2		µg/kg wet		20.0		116	42.3-190		
1,1-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130		
1,2-Dichloroethane	15.4		µg/kg wet		20.0		77.0	70-130		
1,1-Dichloroethene	16.5		µg/kg wet		20.0		82.5	70-130		
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130		
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
1,2-Dichloropropane	16.2		µg/kg wet		20.0		81.0	70-130		
1,3-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130		
2,2-Dichloropropane	16.1		µg/kg wet		20.0		80.5	70-130		
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130		
cis-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85.0	70-130		
trans-1,3-Dichloropropene	17.7		µg/kg wet		20.0		88.5	70-130		
Ethylbenzene	18.1		µg/kg wet		20.0		90.5	70-130		
Hexachlorobutadiene	19.3		µg/kg wet		20.0		96.5	70-137		
2-Hexanone (MBK)	14.1		µg/kg wet		20.0		70.5	70-130		
Isopropylbenzene	17.9		µg/kg wet		20.0		89.5	70-130		
4-Isopropyltoluene	25.0		µg/kg wet		20.0		125	70-130		
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90.5	70-130		
4-Methyl-2-pentanone (MIBK)	13.2		µg/kg wet		20.0		66.0	48.5-127		
Methylene chloride	16.5		µg/kg wet		20.0		82.5	70-130		
Naphthalene	38.1	QC2	µg/kg wet		20.0		190	70-130		
n-Propylbenzene	18.3		µg/kg wet		20.0		91.5	70-130		
Styrene	17.4		µg/kg wet		20.0		87.0	70-130		
1,1,1,2-Tetrachloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121162 - SW846 5030 Soil (high level)										
LCS (6121162-BS1)										
Prepared & Analyzed: 15-Dec-06										
Tetrachloroethene	19.2		µg/kg wet		20.0		96.0	70-130		
Toluene	19.2		µg/kg wet		20.0		96.0	70-130		
1,2,3-Trichlorobenzene	35.0	QC2	µg/kg wet		20.0		175	70-130		
1,2,4-Trichlorobenzene	31.4	QC2	µg/kg wet		20.0		157	70-130		
1,1,1-Trichloroethane	18.2		µg/kg wet		20.0		91.0	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130		
Trichloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
Trichlorofluoromethane (Freon 11)	17.9		µg/kg wet		20.0		89.5	66.5-144		
1,2,3-Trichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,2,4-Trimethylbenzene	24.7		µg/kg wet		20.0		124	70-130		
1,3,5-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Vinyl chloride	17.5		µg/kg wet		20.0		87.5	70-130		
m,p-Xylene	36.0		µg/kg wet		40.0		90.0	70-130		
o-Xylene	18.9		µg/kg wet		20.0		94.5	70-130		
Tetrahydrofuran	13.8	QC1	µg/kg wet		20.0		69.0	70-130		
Ethyl ether	16.1		µg/kg wet		20.0		80.5	64.9-123		
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		86.5	70-130		
Ethyl tert-butyl ether	16.7		µg/kg wet		20.0		83.5	70-130		
Di-isopropyl ether	13.8	QC1	µg/kg wet		20.0		69.0	70-130		
Tert-Butanol / butyl alcohol	175		µg/kg wet		200		87.5	70-130		
1,4-Dioxane	204		µg/kg wet		200		102	40-134		
Surrogate: 4-Bromofluorobenzene	*29.3*		µg/kg wet		*30.0*		*97.7*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/kg wet		*30.0*		*79.7*	*70-130*		
Surrogate: Dibromofluoromethane	*27.3*		µg/kg wet		*30.0*		*91.0*	*70-130*		
LCS Dup (6121162-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96.0	70-130	7.04	25
Acetone	13.6		µg/kg wet		20.0		68.0	3.31-159	7.77	50
Acrylonitrile	15.0		µg/kg wet		20.0		75.0	70-130	5.83	25
Benzene	18.3		µg/kg wet		20.0		91.5	70-130	1.10	25
Bromobenzene	19.1		µg/kg wet		20.0		95.5	70-130	1.58	25
Bromochloromethane	18.7		µg/kg wet		20.0		93.5	70-130	6.63	25
Bromodichloromethane	17.3		µg/kg wet		20.0		86.5	70-130	6.57	25
Bromoform	13.9	QC2	µg/kg wet		20.0		69.5	70-130	2.18	25
Bromomethane	16.9		µg/kg wet		20.0		84.5	50-140	3.00	50
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72.0	47.7-127	4.98	50
n-Butylbenzene	30.0	QC2	µg/kg wet		20.0		150	70-130	7.61	25
sec-Butylbenzene	19.3		µg/kg wet		20.0		96.5	70-130	1.54	25
tert-Butylbenzene	19.2		µg/kg wet		20.0		96.0	70-130	2.64	25
Carbon disulfide	18.4		µg/kg wet		20.0		92.0	70-130	5.01	25
Carbon tetrachloride	17.5		µg/kg wet		20.0		87.5	70-130	4.08	25
Chlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130	1.02	25
Chloroethane	17.8		µg/kg wet		20.0		89.0	55.9-135	5.78	50
Chloroform	17.6		µg/kg wet		20.0		88.0	70-130	7.67	25
Chloromethane	18.5		µg/kg wet		20.0		92.5	70-130	3.86	25
2-Chlorotoluene	17.6		µg/kg wet		20.0		88.0	70-130	6.45	25
4-Chlorotoluene	17.8		µg/kg wet		20.0		89.0	70-130	1.13	25
1,2-Dibromo-3-chloropropane	16.6		µg/kg wet		20.0		83.0	70-130	2.44	25
Dibromochloromethane	16.2		µg/kg wet		20.0		81.0	72-125	2.44	50
1,2-Dibromoethane (EDB)	18.8		µg/kg wet		20.0		94.0	70-130	8.16	25
Dibromomethane	18.4		µg/kg wet		20.0		92.0	70-130	0.545	25
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3.46	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121162 - SW846 5030 Soil (high level)										
LCS Dup (6121162-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,3-Dichlorobenzene	17.9		µg/kg wet		20.0		89.5	70-130	1.11	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	4.51	25
Dichlorodifluoromethane (Freon12)	21.9		µg/kg wet		20.0		110	42.3-190	5.31	50
1,1-Dichloroethane	17.5		µg/kg wet		20.0		87.5	70-130	8.33	25
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	4.44	25
1,1-Dichloroethene	17.3		µg/kg wet		20.0		86.5	70-130	4.73	25
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	6.45	25
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		95.5	70-130	7.05	25
1,2-Dichloropropane	16.6		µg/kg wet		20.0		83.0	70-130	2.44	25
1,3-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130	4.23	25
2,2-Dichloropropane	16.7		µg/kg wet		20.0		83.5	70-130	3.66	25
1,1-Dichloropropene	18.4		µg/kg wet		20.0		92.0	70-130	1.09	25
cis-1,3-Dichloropropene	17.7		µg/kg wet		20.0		88.5	70-130	4.03	25
trans-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87.0	70-130	1.71	25
Ethylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	2.72	25
Hexachlorobutadiene	20.9		µg/kg wet		20.0		104	70-137	7.48	50
2-Hexanone (MBK)	12.6	QC1	µg/kg wet		20.0		63.0	70-130	11.2	25
Isopropylbenzene	18.2		µg/kg wet		20.0		91.0	70-130	1.66	25
4-Isopropyltoluene	26.4	QC1	µg/kg wet		20.0		132	70-130	5.45	25
Methyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130	2.23	25
4-Methyl-2-pentanone (MIBK)	12.3		µg/kg wet		20.0		61.5	48.5-127	7.06	50
Methylene chloride	17.7		µg/kg wet		20.0		88.5	70-130	7.02	25
Naphthalene	41.0	QC2	µg/kg wet		20.0		205	70-130	7.59	25
n-Propylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	1.63	25
Styrene	17.8		µg/kg wet		20.0		89.0	70-130	2.27	25
1,1,1,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88.0	70-130	2.30	25
1,1,2,2-Tetrachloroethane	18.3		µg/kg wet		20.0		91.5	70-130	6.86	25
Tetrachloroethene	18.7		µg/kg wet		20.0		93.5	70-130	2.64	25
Toluene	19.1		µg/kg wet		20.0		95.5	70-130	0.522	25
1,2,3-Trichlorobenzene	37.0	QC2	µg/kg wet		20.0		185	70-130	5.56	25
1,2,4-Trichlorobenzene	33.4	QC2	µg/kg wet		20.0		167	70-130	6.17	25
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95.5	70-130	4.83	25
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95.0	70-130	3.11	25
Trichloroethene	19.2		µg/kg wet		20.0		96.0	70-130	7.57	25
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89.0	66.5-144	0.560	50
1,2,3-Trichloropropane	20.1		µg/kg wet		20.0		100	70-130	4.88	25
1,2,4-Trimethylbenzene	25.8		µg/kg wet		20.0		129	70-130	3.95	25
1,3,5-Trimethylbenzene	22.5		µg/kg wet		20.0		112	70-130	1.80	25
Vinyl chloride	17.3		µg/kg wet		20.0		86.5	70-130	1.15	25
m,p-Xylene	37.4		µg/kg wet		40.0		93.5	70-130	3.81	25
o-Xylene	19.2		µg/kg wet		20.0		96.0	70-130	1.57	25
Tetrahydrofuran	14.8		µg/kg wet		20.0		74.0	70-130	6.99	25
Ethyl ether	16.7		µg/kg wet		20.0		83.5	64.9-123	3.66	50
Tert-amyl methyl ether	17.2		µg/kg wet		20.0		86.0	70-130	0.580	25
Ethyl tert-butyl ether	17.0		µg/kg wet		20.0		85.0	70-130	1.78	25
Di-isopropyl ether	14.3		µg/kg wet		20.0		71.5	70-130	3.56	25
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79.0	70-130	10.2	25
1,4-Dioxane	184		µg/kg wet		200		92.0	40-134	10.3	25
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96.0*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/kg wet		*30.0*		*81.0*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/kg wet		*30.0*		*94.3*	*70-130*		
Matrix Spike (6121162-MS1)	**Source: SA55446-22**									

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121162 - SW846 5030 Soil (high level)										
Prepared & Analyzed: 15-Dec-06										
Benzene	19.0		µg/kg dry		20.0	BRL	95.0	70-130		
Chlorobenzene	22.7		µg/kg dry		20.0	BRL	114	70-130		
1,1-Dichloroethene	17.2		µg/kg dry		20.0	BRL	86.0	70-130		
Toluene	21.8		µg/kg dry		20.0	BRL	109	70-130		
Trichloroethene	20.4		µg/kg dry		20.0	BRL	102	70-130		
Surrogate: 4-Bromofluorobenzene	*29.0*		µg/kg dry		*30.0*		*96.7*	*70-130*		
Surrogate: Toluene-d8	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/kg dry		*30.0*		*86.0*	*70-130*		
Surrogate: Dibromofluoromethane	*28.8*		µg/kg dry		*30.0*		*96.0*	*70-130*		
Matrix Spike Dup (6121162-MSD1) **Source: SA55446-22**										
Prepared & Analyzed: 15-Dec-06										
Benzene	19.5		µg/kg dry		20.0	BRL	97.5	70-130	2.60	30
Chlorobenzene	23.5		µg/kg dry		20.0	BRL	118	70-130	3.45	30
1,1-Dichloroethene	16.9		µg/kg dry		20.0	BRL	84.5	70-130	1.76	30
Toluene	22.0		µg/kg dry		20.0	BRL	110	70-130	0.913	30
Trichloroethene	21.3		µg/kg dry		20.0	BRL	106	70-130	3.85	30
Surrogate: 4-Bromofluorobenzene	*29.3*		µg/kg dry		*30.0*		*97.7*	*70-130*		
Surrogate: Toluene-d8	*31.1*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/kg dry		*30.0*		*83.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg dry		*30.0*		*97.7*	*70-130*		
Batch 6121164 - SW846 5030 Water MS										
Blank (6121164-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
Blank (6121164-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS (6121164-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.1		µg/l		20.0		110	70-130		
Acetone	24.3		µg/l		20.0		122	29.5-156		
Acrylonitrile	23.8		µg/l		20.0		119	70-130		
Benzene	19.7		µg/l		20.0		98.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
LCS (6121164-BS1)										
Prepared & Analyzed: 15-Dec-06										
Bromobenzene	20.3		µg/l		20.0		102	70-130		
Bromochloromethane	20.5		µg/l		20.0		102	70-130		
Bromodichloromethane	21.8		µg/l		20.0		109	70-130		
Bromoform	18.7		µg/l		20.0		93.5	70-130		
Bromomethane	15.8		µg/l		20.0		79.0	57.7-151		
2-Butanone (MEK)	18.4		µg/l		20.0		92.0	48.9-134		
n-Butylbenzene	24.2		µg/l		20.0		121	70-130		
sec-Butylbenzene	21.4		µg/l		20.0		107	70-130		
tert-Butylbenzene	21.3		µg/l		20.0		106	70-130		
Carbon disulfide	17.9		µg/l		20.0		89.5	70-130		
Carbon tetrachloride	20.3		µg/l		20.0		102	70-130		
Chlorobenzene	21.4		µg/l		20.0		107	70-130		
Chloroethane	21.2		µg/l		20.0		106	56.9-145		
Chloroform	19.5		µg/l		20.0		97.5	70-130		
Chloromethane	23.2		µg/l		20.0		116	70-130		
2-Chlorotoluene	23.0		µg/l		20.0		115	70-130		
4-Chlorotoluene	22.8		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	22.6		µg/l		20.0		113	70-130		
Dibromochloromethane	19.2		µg/l		20.0		96.0	61.5-142		
1,2-Dibromoethane (EDB)	20.2		µg/l		20.0		101	70-130		
Dibromomethane	19.9		µg/l		20.0		99.5	70-130		
1,2-Dichlorobenzene	22.9		µg/l		20.0		114	70-130		
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,4-Dichlorobenzene	22.2		µg/l		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	18.3		µg/l		20.0		91.5	36.6-187		
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130		
1,1-Dichloroethene	23.6		µg/l		20.0		118	70-130		
cis-1,2-Dichloroethene	21.7		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95.0	70-130		
1,2-Dichloropropane	21.1		µg/l		20.0		106	70-130		
1,3-Dichloropropane	19.8		µg/l		20.0		99.0	70-130		
2,2-Dichloropropane	19.0		µg/l		20.0		95.0	70-130		
1,1-Dichloropropene	19.0		µg/l		20.0		95.0	70-130		
cis-1,3-Dichloropropene	21.0		µg/l		20.0		105	70-130		
trans-1,3-Dichloropropene	18.3		µg/l		20.0		91.5	70-130		
Ethylbenzene	21.2		µg/l		20.0		106	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		99.5	68.7-142		
2-Hexanone (MBK)	18.4		µg/l		20.0		92.0	56.3-131		
Isopropylbenzene	19.9		µg/l		20.0		99.5	70-130		
4-Isopropyltoluene	23.9		µg/l		20.0		120	70-130		
Methyl tert-butyl ether	19.5		µg/l		20.0		97.5	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99.0	55.2-129		
Methylene chloride	23.0		µg/l		20.0		115	70-130		
Naphthalene	24.5		µg/l		20.0		122	70-130		
n-Propylbenzene	20.8		µg/l		20.0		104	70-130		
Styrene	23.1		µg/l		20.0		116	70-130		
1,1,1,2-Tetrachloroethane	23.5		µg/l		20.0		118	70-130		
1,1,2,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130		
Tetrachloroethene	16.4		µg/l		20.0		82.0	70-130		
Toluene	19.5		µg/l		20.0		97.5	70-130		
1,2,3-Trichlorobenzene	23.7		µg/l		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.0		µg/l		20.0		110	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
LCS (6121164-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,1-Trichloroethane	19.2		µg/l		20.0		96.0	70-130		
1,1,2-Trichloroethane	20.8		µg/l		20.0		104	70-130		
Trichloroethene	19.3		µg/l		20.0		96.5	70-130		
Trichlorofluoromethane (Freon 11)	22.0		µg/l		20.0		110	68-148		
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	70-130		
1,3,5-Trimethylbenzene	22.0		µg/l		20.0		110	70-130		
Vinyl chloride	24.4		µg/l		20.0		122	70-130		
m,p-Xylene	44.3		µg/l		40.0		111	70-130		
o-Xylene	23.2		µg/l		20.0		116	70-130		
Tetrahydrofuran	18.8		µg/l		20.0		94.0	70-130		
Ethyl ether	24.9		µg/l		20.0		124	57.6-132		
Tert-amyl methyl ether	21.1		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	23.2		µg/l		20.0		116	70-130		
Di-isopropyl ether	22.2		µg/l		20.0		111	70-130		
Tert-Butanol / butyl alcohol	150		µg/l		200		75.0	70-130		
1,4-Dioxane	161		µg/l		200		80.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS Dup (6121164-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/l		20.0		108	70-130	1.83	25
Acetone	22.0		µg/l		20.0		110	29.5-156	10.3	50
Acrylonitrile	24.3		µg/l		20.0		122	70-130	2.49	25
Benzene	18.6		µg/l		20.0		93.0	70-130	5.74	25
Bromobenzene	18.0		µg/l		20.0		90.0	70-130	12.5	25
Bromochloromethane	18.2		µg/l		20.0		91.0	70-130	11.4	25
Bromodichloromethane	19.7		µg/l		20.0		98.5	70-130	10.1	25
Bromoform	17.8		µg/l		20.0		89.0	70-130	4.93	25
Bromomethane	14.4		µg/l		20.0		72.0	57.7-151	9.27	50
2-Butanone (MEK)	18.8		µg/l		20.0		94.0	48.9-134	2.15	50
n-Butylbenzene	22.0		µg/l		20.0		110	70-130	9.52	25
sec-Butylbenzene	20.1		µg/l		20.0		100	70-130	6.76	25
tert-Butylbenzene	20.2		µg/l		20.0		101	70-130	4.83	25
Carbon disulfide	17.5		µg/l		20.0		87.5	70-130	2.26	25
Carbon tetrachloride	19.6		µg/l		20.0		98.0	70-130	4.00	25
Chlorobenzene	19.6		µg/l		20.0		98.0	70-130	8.78	25
Chloroethane	21.0		µg/l		20.0		105	56.9-145	0.948	50
Chloroform	18.2		µg/l		20.0		91.0	70-130	6.90	25
Chloromethane	23.2		µg/l		20.0		116	70-130	0.00	25
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130	12.0	25
4-Chlorotoluene	20.5		µg/l		20.0		102	70-130	11.1	25
1,2-Dibromo-3-chloropropane	20.4		µg/l		20.0		102	70-130	10.2	25
Dibromochloromethane	18.0		µg/l		20.0		90.0	61.5-142	6.45	50
1,2-Dibromoethane (EDB)	19.0		µg/l		20.0		95.0	70-130	6.12	25
Dibromomethane	18.0		µg/l		20.0		90.0	70-130	10.0	25
1,2-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130	13.6	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	15.6	25
1,4-Dichlorobenzene	19.8		µg/l		20.0		99.0	70-130	11.4	25
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89.5	36.6-187	2.21	50
1,1-Dichloroethane	18.8		µg/l		20.0		94.0	70-130	6.19	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
LCS Dup (6121164-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,1-Dichloroethene	22.9		µg/l		20.0		114	70-130	3.45	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	9.71	25
trans-1,2-Dichloroethene	18.5		µg/l		20.0		92.5	70-130	2.67	25
1,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,3-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	7.33	25
2,2-Dichloropropane	18.9		µg/l		20.0		94.5	70-130	0.528	25
1,1-Dichloropropene	18.0		µg/l		20.0		90.0	70-130	5.41	25
cis-1,3-Dichloropropene	19.3		µg/l		20.0		96.5	70-130	8.44	25
trans-1,3-Dichloropropene	17.4		µg/l		20.0		87.0	70-130	5.04	25
Ethylbenzene	19.8		µg/l		20.0		99.0	70-130	6.83	25
Hexachlorobutadiene	16.8		µg/l		20.0		84.0	68.7-142	16.9	50
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131	8.33	25
Isopropylbenzene	19.2		µg/l		20.0		96.0	70-130	3.58	25
4-Isopropyltoluene	22.7		µg/l		20.0		114	70-130	5.13	25
Methyl tert-butyl ether	18.1		µg/l		20.0		90.5	70-130	7.45	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98.0	55.2-129	1.02	50
Methylene chloride	21.0		µg/l		20.0		105	70-130	9.09	25
Naphthalene	19.1		µg/l		20.0		95.5	70-130	24.4	25
n-Propylbenzene	19.6		µg/l		20.0		98.0	70-130	5.94	25
Styrene	20.3		µg/l		20.0		102	70-130	12.8	25
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130	8.85	25
1,1,2,2-Tetrachloroethane	20.4		µg/l		20.0		102	70-130	4.78	25
Tetrachloroethene	16.0		µg/l		20.0		80.0	70-130	2.47	25
Toluene	18.2		µg/l		20.0		91.0	70-130	6.90	25
1,2,3-Trichlorobenzene	17.9	QR2	µg/l		20.0		89.5	70-130	27.5	25
1,2,4-Trichlorobenzene	17.6		µg/l		20.0		88.0	70-130	22.2	25
1,1,1-Trichloroethane	18.6		µg/l		20.0		93.0	70-130	3.17	25
1,1,2-Trichloroethane	19.0		µg/l		20.0		95.0	70-130	9.05	25
Trichloroethene	18.4		µg/l		20.0		92.0	70-130	4.77	25
Trichlorofluoromethane (Freon 11)	20.9		µg/l		20.0		104	68-148	5.61	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	0.881	25
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130	11.0	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	7.55	25
Vinyl chloride	23.3		µg/l		20.0		116	70-130	5.04	25
m,p-Xylene	40.9		µg/l		40.0		102	70-130	8.45	25
o-Xylene	21.2		µg/l		20.0		106	70-130	9.01	25
Tetrahydrofuran	19.6		µg/l		20.0		98.0	70-130	4.17	25
Ethyl ether	23.9		µg/l		20.0		120	57.6-132	3.28	50
Tert-amyl methyl ether	18.4		µg/l		20.0		92.0	70-130	14.1	25
Ethyl tert-butyl ether	21.3		µg/l		20.0		106	70-130	9.01	25
Di-isopropyl ether	19.9		µg/l		20.0		99.5	70-130	10.9	25
Tert-Butanol / butyl alcohol	175		µg/l		200		87.5	70-130	15.4	25
1,4-Dioxane	152		µg/l		200		76.0	45.2-132	5.75	25
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/l		*50.0*		*94.6*	*70-130*		
Matrix Spike (6121164-MS1) **Source: SA55027-04**										
Prepared & Analyzed: 15-Dec-06										
Benzene	15.2		µg/l		20.0	BRL	76.0	70-130		
Chlorobenzene	18.0		µg/l		20.0	BRL	90.0	70-130		
1,1-Dichloroethene	15.4		µg/l		20.0	BRL	77.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
Matrix Spike (6121164-MS1) **Source: SA55027-04**										
Prepared & Analyzed: 15-Dec-06										
Toluene	15.4		µg/l		20.0	0.560	74.2	70-130		
Trichloroethene	14.7		µg/l		20.0	BRL	73.5	70-130		
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Dibromofluoromethane	*47.8*		µg/l		*50.0*		*95.6*	*70-130*		
Matrix Spike Dup (6121164-MSD1) **Source: SA55027-04**										
Prepared & Analyzed: 15-Dec-06										
Benzene	15.3		µg/l		20.0	BRL	76.5	70-130	0.656	30
Chlorobenzene	17.8		µg/l		20.0	BRL	89.0	70-130	1.12	30
1,1-Dichloroethene	16.8		µg/l		20.0	BRL	84.0	70-130	8.70	30
Toluene	15.5		µg/l		20.0	0.560	74.7	70-130	0.672	30
Trichloroethene	15.1		µg/l		20.0	BRL	75.5	70-130	2.68	30
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*47.1*		µg/l		*50.0*		*94.2*	*70-130*		
Batch 6121175 - SW846 5030 Water MS										
Blank (6121175-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121175 - SW846 5030 Water MS										
Blank (6121175-BLK1)										
Prepared & Analyzed: 15-Dec-06										
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/l		*50.0*		*93.6*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
LCS (6121175-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.0		µg/l		20.0		110	70-130		
Acetone	20.9		µg/l		20.0		104	29.5-156		
Acrylonitrile	21.4		µg/l		20.0		107	70-130		
Benzene	21.6		µg/l		20.0		108	70-130		
Bromobenzene	21.5		µg/l		20.0		108	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121175 - SW846 5030 Water MS										
LCS (6121175-BS1)										
Prepared & Analyzed: 15-Dec-06										
Bromochloromethane	21.4		µg/l		20.0		107	70-130		
Bromodichloromethane	22.9		µg/l		20.0		114	70-130		
Bromoform	21.8		µg/l		20.0		109	70-130		
Bromomethane	19.4		µg/l		20.0		97.0	57.7-151		
2-Butanone (MEK)	19.6		µg/l		20.0		98.0	48.9-134		
n-Butylbenzene	22.3		µg/l		20.0		112	70-130		
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130		
tert-Butylbenzene	22.2		µg/l		20.0		111	70-130		
Carbon disulfide	19.9		µg/l		20.0		99.5	70-130		
Carbon tetrachloride	19.6		µg/l		20.0		98.0	70-130		
Chlorobenzene	21.2		µg/l		20.0		106	70-130		
Chloroethane	19.9		µg/l		20.0		99.5	56.9-145		
Chloroform	22.0		µg/l		20.0		110	70-130		
Chloromethane	20.9		µg/l		20.0		104	70-130		
2-Chlorotoluene	21.9		µg/l		20.0		110	70-130		
4-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	22.3		µg/l		20.0		112	70-130		
Dibromochloromethane	21.7		µg/l		20.0		108	61.5-142		
1,2-Dibromoethane (EDB)	22.0		µg/l		20.0		110	70-130		
Dibromomethane	21.7		µg/l		20.0		108	70-130		
1,2-Dichlorobenzene	22.9		µg/l		20.0		114	70-130		
1,3-Dichlorobenzene	21.2		µg/l		20.0		106	70-130		
1,4-Dichlorobenzene	22.4		µg/l		20.0		112	70-130		
Dichlorodifluoromethane (Freon12)	20.8		µg/l		20.0		104	36.6-187		
1,1-Dichloroethane	21.7		µg/l		20.0		108	70-130		
1,2-Dichloroethane	22.2		µg/l		20.0		111	70-130		
1,1-Dichloroethene	20.1		µg/l		20.0		100	70-130		
cis-1,2-Dichloroethene	21.9		µg/l		20.0		110	70-130		
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
1,2-Dichloropropane	22.3		µg/l		20.0		112	70-130		
1,3-Dichloropropane	22.1		µg/l		20.0		110	70-130		
2,2-Dichloropropane	16.5		µg/l		20.0		82.5	70-130		
1,1-Dichloropropene	20.7		µg/l		20.0		104	70-130		
cis-1,3-Dichloropropene	19.0		µg/l		20.0		95.0	70-130		
trans-1,3-Dichloropropene	17.4		µg/l		20.0		87.0	70-130		
Ethylbenzene	21.8		µg/l		20.0		109	70-130		
Hexachlorobutadiene	20.8		µg/l		20.0		104	68.7-142		
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131		
Isopropylbenzene	20.6		µg/l		20.0		103	70-130		
4-Isopropyltoluene	23.4		µg/l		20.0		117	70-130		
Methyl tert-butyl ether	21.0		µg/l		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	21.3		µg/l		20.0		106	55.2-129		
Methylene chloride	21.0		µg/l		20.0		105	70-130		
Naphthalene	23.1		µg/l		20.0		116	70-130		
n-Propylbenzene	21.3		µg/l		20.0		106	70-130		
Styrene	22.3		µg/l		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.9		µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
Tetrachloroethene	20.5		µg/l		20.0		102	70-130		
Toluene	20.7		µg/l		20.0		104	70-130		
1,2,3-Trichlorobenzene	22.2		µg/l		20.0		111	70-130		
1,2,4-Trichlorobenzene	21.7		µg/l		20.0		108	70-130		
1,1,1-Trichloroethane	19.4		µg/l		20.0		97.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121175 - SW846 5030 Water MS										
LCS (6121175-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichloroethane	21.8		µg/l		20.0		109	70-130		
Trichloroethene	21.3		µg/l		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	21.4		µg/l		20.0		107	68-148		
1,2,3-Trichloropropane	24.1		µg/l		20.0		120	70-130		
1,2,4-Trimethylbenzene	22.5		µg/l		20.0		112	70-130		
1,3,5-Trimethylbenzene	22.4		µg/l		20.0		112	70-130		
Vinyl chloride	22.9		µg/l		20.0		114	70-130		
m,p-Xylene	43.5		µg/l		40.0		109	70-130		
o-Xylene	22.5		µg/l		20.0		112	70-130		
Tetrahydrofuran	21.6		µg/l		20.0		108	70-130		
Ethyl ether	21.3		µg/l		20.0		106	57.6-132		
Tert-amyl methyl ether	21.9		µg/l		20.0		110	70-130		
Ethyl tert-butyl ether	18.7		µg/l		20.0		93.5	70-130		
Di-isopropyl ether	22.2		µg/l		20.0		111	70-130		
Tert-Butanol / butyl alcohol	213		µg/l		200		106	70-130		
1,4-Dioxane	221		µg/l		200		110	45.2-132		
Surrogate: 4-Bromofluorobenzene	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (6121175-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/l		20.0		99.0	70-130	10.5	25
Acetone	19.8		µg/l		20.0		99.0	29.5-156	4.93	50
Acrylonitrile	21.0		µg/l		20.0		105	70-130	1.89	25
Benzene	20.1		µg/l		20.0		100	70-130	7.69	25
Bromobenzene	20.0		µg/l		20.0		100	70-130	7.69	25
Bromochloromethane	20.4		µg/l		20.0		102	70-130	4.78	25
Bromodichloromethane	21.7		µg/l		20.0		108	70-130	5.41	25
Bromoform	20.3		µg/l		20.0		102	70-130	6.64	25
Bromomethane	18.6		µg/l		20.0		93.0	57.7-151	4.21	50
2-Butanone (MEK)	20.6		µg/l		20.0		103	48.9-134	4.98	50
n-Butylbenzene	19.1		µg/l		20.0		95.5	70-130	15.9	25
sec-Butylbenzene	19.3		µg/l		20.0		96.5	70-130	11.2	25
tert-Butylbenzene	19.9		µg/l		20.0		99.5	70-130	10.9	25
Carbon disulfide	18.1		µg/l		20.0		90.5	70-130	9.47	25
Carbon tetrachloride	17.9		µg/l		20.0		89.5	70-130	9.07	25
Chlorobenzene	19.2		µg/l		20.0		96.0	70-130	9.90	25
Chloroethane	18.4		µg/l		20.0		92.0	56.9-145	7.83	50
Chloroform	20.7		µg/l		20.0		104	70-130	5.61	25
Chloromethane	19.5		µg/l		20.0		97.5	70-130	6.45	25
2-Chlorotoluene	19.8		µg/l		20.0		99.0	70-130	10.5	25
4-Chlorotoluene	19.8		µg/l		20.0		99.0	70-130	10.5	25
1,2-Dibromo-3-chloropropane	21.5		µg/l		20.0		108	70-130	3.64	25
Dibromochloromethane	21.2		µg/l		20.0		106	61.5-142	1.87	50
1,2-Dibromoethane (EDB)	21.1		µg/l		20.0		106	70-130	3.70	25
Dibromomethane	20.5		µg/l		20.0		102	70-130	5.71	25
1,2-Dichlorobenzene	20.3		µg/l		20.0		102	70-130	11.1	25
1,3-Dichlorobenzene	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,4-Dichlorobenzene	19.7		µg/l		20.0		98.5	70-130	12.8	25
Dichlorodifluoromethane (Freon12)	18.3		µg/l		20.0		91.5	36.6-187	12.8	50
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130	6.70	25
1,2-Dichloroethane	21.3		µg/l		20.0		106	70-130	4.61	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121175 - SW846 5030 Water MS										
LCS Dup (6121175-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1-Dichloroethene	18.2		µg/l		20.0		91.0	70-130	9.42	25
cis-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	8.53	25
trans-1,2-Dichloroethene	18.4		µg/l		20.0		92.0	70-130	8.33	25
1,2-Dichloropropane	21.3		µg/l		20.0		106	70-130	5.50	25
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130	4.65	25
2,2-Dichloropropane	15.6		µg/l		20.0		78.0	70-130	5.61	25
1,1-Dichloropropene	19.0		µg/l		20.0		95.0	70-130	9.05	25
cis-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	70-130	4.85	25
trans-1,3-Dichloropropene	17.1		µg/l		20.0		85.5	70-130	1.74	25
Ethylbenzene	19.6		µg/l		20.0		98.0	70-130	10.6	25
Hexachlorobutadiene	18.0		µg/l		20.0		90.0	68.7-142	14.4	50
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131	0.00	25
Isopropylbenzene	18.5		µg/l		20.0		92.5	70-130	10.7	25
4-Isopropyltoluene	20.2		µg/l		20.0		101	70-130	14.7	25
Methyl tert-butyl ether	21.0		µg/l		20.0		105	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	20.8		µg/l		20.0		104	55.2-129	1.90	50
Methylene chloride	19.9		µg/l		20.0		99.5	70-130	5.38	25
Naphthalene	21.6		µg/l		20.0		108	70-130	7.14	25
n-Propylbenzene	19.0		µg/l		20.0		95.0	70-130	10.9	25
Styrene	20.3		µg/l		20.0		102	70-130	9.35	25
1,1,1,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	8.53	25
1,1,2,2-Tetrachloroethane	20.0		µg/l		20.0		100	70-130	5.83	25
Tetrachloroethene	18.7		µg/l		20.0		93.5	70-130	8.70	25
Toluene	18.9		µg/l		20.0		94.5	70-130	9.57	25
1,2,3-Trichlorobenzene	20.5		µg/l		20.0		102	70-130	8.45	25
1,2,4-Trichlorobenzene	19.6		µg/l		20.0		98.0	70-130	9.71	25
1,1,1-Trichloroethane	18.0		µg/l		20.0		90.0	70-130	7.49	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	2.79	25
Trichloroethene	19.8		µg/l		20.0		99.0	70-130	6.83	25
Trichlorofluoromethane (Freon 11)	19.3		µg/l		20.0		96.5	68-148	10.3	50
1,2,3-Trichloropropane	22.9		µg/l		20.0		114	70-130	5.13	25
1,2,4-Trimethylbenzene	20.1		µg/l		20.0		100	70-130	11.3	25
1,3,5-Trimethylbenzene	19.7		µg/l		20.0		98.5	70-130	12.8	25
Vinyl chloride	20.4		µg/l		20.0		102	70-130	11.1	25
m,p-Xylene	39.0		µg/l		40.0		97.5	70-130	11.1	25
o-Xylene	20.2		µg/l		20.0		101	70-130	10.3	25
Tetrahydrofuran	22.0		µg/l		20.0		110	70-130	1.83	25
Ethyl ether	20.4		µg/l		20.0		102	57.6-132	3.85	50
Tert-amyl methyl ether	20.6		µg/l		20.0		103	70-130	6.57	25
Ethyl tert-butyl ether	18.4		µg/l		20.0		92.0	70-130	1.62	25
Di-isopropyl ether	21.3		µg/l		20.0		106	70-130	4.61	25
Tert-Butanol / butyl alcohol	214		µg/l		200		107	70-130	0.939	25
1,4-Dioxane	225		µg/l		200		112	45.2-132	1.80	25
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/l		*50.0*		*97.6*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Batch 6121187 - SW846 5035A Soil (low level)										
Blank (6121187-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121187 - SW846 5035A Soil (low level)										
Blank (6121187-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121187 - SW846 5035A Soil (low level)										
Blank (6121187-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*55.7*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*64.3*		µg/kg wet		*50.0*		*129*	*70-130*		
Surrogate: Dibromofluoromethane	*59.2*		µg/kg wet		*50.0*		*118*	*70-130*		
LCS (6121187-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88.0	70-130		
Acetone	6.5		µg/kg wet		20.0		32.5	3.31-159		
Acrylonitrile	18.0		µg/kg wet		20.0		90.0	70-130		
Benzene	16.9		µg/kg wet		20.0		84.5	70-130		
Bromobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Bromochloromethane	19.7		µg/kg wet		20.0		98.5	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		99.5	70-130		
Bromoform	23.5		µg/kg wet		20.0		118	70-130		
Bromomethane	12.5		µg/kg wet		20.0		62.5	50-140		
2-Butanone (MEK)	13.6		µg/kg wet		20.0		68.0	47.7-127		
n-Butylbenzene	15.6		µg/kg wet		20.0		78.0	70-130		
sec-Butylbenzene	18.2		µg/kg wet		20.0		91.0	70-130		
tert-Butylbenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Carbon disulfide	14.0		µg/kg wet		20.0		70.0	70-130		
Carbon tetrachloride	20.2		µg/kg wet		20.0		101	70-130		
Chlorobenzene	17.7		µg/kg wet		20.0		88.5	70-130		
Chloroethane	18.7		µg/kg wet		20.0		93.5	55.9-135		
Chloroform	17.4		µg/kg wet		20.0		87.0	70-130		
Chloromethane	14.0		µg/kg wet		20.0		70.0	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96.0	70-130		
4-Chlorotoluene	17.6		µg/kg wet		20.0		88.0	70-130		
1,2-Dibromo-3-chloropropane	23.5		µg/kg wet		20.0		118	70-130		
Dibromochloromethane	21.3		µg/kg wet		20.0		106	72-125		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichlorobenzene	17.7		µg/kg wet		20.0		88.5	70-130		
1,3-Dichlorobenzene	18.3		µg/kg wet		20.0		91.5	70-130		
1,4-Dichlorobenzene	18.0		µg/kg wet		20.0		90.0	70-130		
Dichlorodifluoromethane (Freon12)	21.6		µg/kg wet		20.0		108	42.3-190		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121187 - SW846 5035A Soil (low level)										
LCS (6121187-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85.0	70-130		
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	15.3		µg/kg wet		20.0		76.5	70-130		
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91.5	70-130		
trans-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
1,2-Dichloropropane	16.5		µg/kg wet		20.0		82.5	70-130		
1,3-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
2,2-Dichloropropane	13.2	QC1	µg/kg wet		20.0		66.0	70-130		
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89.0	70-130		
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93.0	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89.0	70-130		
Ethylbenzene	17.3		µg/kg wet		20.0		86.5	70-130		
Hexachlorobutadiene	16.7		µg/kg wet		20.0		83.5	70-137		
2-Hexanone (MBK)	16.6		µg/kg wet		20.0		83.0	70-130		
Isopropylbenzene	17.3		µg/kg wet		20.0		86.5	70-130		
4-Isopropyltoluene	17.3		µg/kg wet		20.0		86.5	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98.5	70-130		
4-Methyl-2-pentanone (MIBK)	21.0		µg/kg wet		20.0		105	48.5-127		
Methylene chloride	17.4		µg/kg wet		20.0		87.0	70-130		
Naphthalene	19.4		µg/kg wet		20.0		97.0	70-130		
n-Propylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Styrene	18.1		µg/kg wet		20.0		90.5	70-130		
1,1,1,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	17.1		µg/kg wet		20.0		85.5	70-130		
Toluene	16.7		µg/kg wet		20.0		83.5	70-130		
1,2,3-Trichlorobenzene	17.2		µg/kg wet		20.0		86.0	70-130		
1,2,4-Trichlorobenzene	16.0		µg/kg wet		20.0		80.0	70-130		
1,1,1-Trichloroethane	18.7		µg/kg wet		20.0		93.5	70-130		
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99.0	70-130		
Trichloroethene	17.3		µg/kg wet		20.0		86.5	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/kg wet		20.0		89.0	66.5-144		
1,2,3-Trichloropropane	24.4		µg/kg wet		20.0		122	70-130		
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		90.5	70-130		
1,3,5-Trimethylbenzene	18.4		µg/kg wet		20.0		92.0	70-130		
Vinyl chloride	18.0		µg/kg wet		20.0		90.0	70-130		
m,p-Xylene	35.5		µg/kg wet		40.0		88.8	70-130		
o-Xylene	18.3		µg/kg wet		20.0		91.5	70-130		
Tetrahydrofuran	18.0		µg/kg wet		20.0		90.0	70-130		
Ethyl ether	17.3		µg/kg wet		20.0		86.5	64.9-123		
Tert-amyl methyl ether	23.1		µg/kg wet		20.0		116	70-130		
Ethyl tert-butyl ether	18.7		µg/kg wet		20.0		93.5	70-130		
Di-isopropyl ether	14.8		µg/kg wet		20.0		74.0	70-130		
Tert-Butanol / butyl alcohol	199		µg/kg wet		200		99.5	70-130		
1,4-Dioxane	215		µg/kg wet		200		108	40-134		
Surrogate: 4-Bromofluorobenzene	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.6*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS Dup (6121187-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.8		µg/kg wet		20.0		104	70-130	16.7	25
Acetone	4.5		µg/kg wet		20.0		22.5	3.31-159	36.4	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121187 - SW846 5035A Soil (low level)										
LCS Dup (6121187-BSD1)										
Prepared & Analyzed: 15-Dec-06										
Acrylonitrile	19.2		µg/kg wet		20.0		96.0	70-130	6.45	25
Benzene	18.6		µg/kg wet		20.0		93.0	70-130	9.58	25
Bromobenzene	20.3		µg/kg wet		20.0		102	70-130	6.06	25
Bromochloromethane	23.7		µg/kg wet		20.0		118	70-130	18.0	25
Bromodichloromethane	22.0		µg/kg wet		20.0		110	70-130	10.0	25
Bromoform	23.7		µg/kg wet		20.0		118	70-130	0.00	25
Bromomethane	14.9		µg/kg wet		20.0		74.5	50-140	17.5	50
2-Butanone (MEK)	15.1		µg/kg wet		20.0		75.5	47.7-127	10.5	50
n-Butylbenzene	17.4		µg/kg wet		20.0		87.0	70-130	10.9	25
sec-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	13.3	25
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130	12.9	25
Carbon disulfide	16.9		µg/kg wet		20.0		84.5	70-130	18.8	25
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130	3.88	25
Chlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130	9.68	25
Chloroethane	20.6		µg/kg wet		20.0		103	55.9-135	9.67	50
Chloroform	18.6		µg/kg wet		20.0		93.0	70-130	6.67	25
Chloromethane	15.6		µg/kg wet		20.0		78.0	70-130	10.8	25
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130	10.8	25
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130	14.7	25
1,2-Dibromo-3-chloropropane	25.1		µg/kg wet		20.0		126	70-130	6.56	25
Dibromochloromethane	22.2		µg/kg wet		20.0		111	72-125	4.61	50
1,2-Dibromoethane (EDB)	22.1		µg/kg wet		20.0		110	70-130	4.65	25
Dibromomethane	21.9		µg/kg wet		20.0		110	70-130	8.53	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	14.2	25
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130	4.80	25
1,4-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	9.02	25
Dichlorodifluoromethane (Freon12)	20.1		µg/kg wet		20.0		100	42.3-190	7.69	50
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90.0	70-130	5.71	25
1,2-Dichloroethane	22.1		µg/kg wet		20.0		110	70-130	9.52	25
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85.0	70-130	10.5	25
cis-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96.5	70-130	5.32	25
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88.0	70-130	1.13	25
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130	18.2	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	1.96	25
2,2-Dichloropropane	16.8		µg/kg wet		20.0		84.0	70-130	24.0	25
1,1-Dichloropropene	18.9		µg/kg wet		20.0		94.5	70-130	5.99	25
cis-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99.5	70-130	6.75	25
trans-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	13.6	25
Ethylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	11.4	25
Hexachlorobutadiene	20.0		µg/kg wet		20.0		100	70-137	18.0	50
2-Hexanone (MBK)	15.9		µg/kg wet		20.0		79.5	70-130	4.31	25
Isopropylbenzene	20.1		µg/kg wet		20.0		100	70-130	14.5	25
4-Isopropyltoluene	18.8		µg/kg wet		20.0		94.0	70-130	8.31	25
Methyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130	9.20	25
4-Methyl-2-pentanone (MIBK)	16.8		µg/kg wet		20.0		84.0	48.5-127	22.2	50
Methylene chloride	17.8		µg/kg wet		20.0		89.0	70-130	2.27	25
Naphthalene	24.9		µg/kg wet		20.0		124	70-130	24.4	25
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130	11.1	25
Styrene	19.8		µg/kg wet		20.0		99.0	70-130	8.97	25
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130	3.67	25
1,1,2,2-Tetrachloroethane	22.7		µg/kg wet		20.0		114	70-130	9.17	25
Tetrachloroethene	16.6		µg/kg wet		20.0		83.0	70-130	2.97	25
Toluene	16.6		µg/kg wet		20.0		83.0	70-130	0.601	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121187 - SW846 5035A Soil (low level)										
LCS Dup (6121187-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,2,3-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	18.0	25
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	23.2	25
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130	12.5	25
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130	11.4	25
Trichloroethene	18.7		µg/kg wet		20.0		93.5	70-130	7.78	25
Trichlorofluoromethane (Freon 11)	21.3		µg/kg wet		20.0		106	66.5-144	17.4	50
1,2,3-Trichloropropane	25.7		µg/kg wet		20.0		128	70-130	4.80	25
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	9.97	25
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	11.3	25
Vinyl chloride	16.6		µg/kg wet		20.0		83.0	70-130	8.09	25
m,p-Xylene	40.4		µg/kg wet		40.0		101	70-130	12.9	25
o-Xylene	20.3		µg/kg wet		20.0		102	70-130	10.9	25
Tetrahydrofuran	17.9		µg/kg wet		20.0		89.5	70-130	0.557	25
Ethyl ether	20.7		µg/kg wet		20.0		104	64.9-123	18.4	50
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98.0	70-130	16.8	25
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	6.72	25
Di-isopropyl ether	15.1		µg/kg wet		20.0		75.5	70-130	2.01	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93.0	70-130	6.75	25
1,4-Dioxane	224		µg/kg wet		200		112	40-134	3.64	25
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*47.2*		µg/kg wet		*50.0*		*94.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.1*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*55.2*		µg/kg wet		*50.0*		*110*	*70-130*		
Batch 6121279 - SW846 5030 Soil (high level)										
Blank (6121279-BLK1)										
Prepared & Analyzed: 16-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121279 - SW846 5030 Soil (high level)										
Blank (6121279-BLK1)										
Prepared & Analyzed: 16-Dec-06										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*33.2*		µg/kg wet		*30.0*		*111*	*70-130*		
LCS (6121279-BS1)										
Prepared & Analyzed: 16-Dec-06										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121279 - SW846 5030 Soil (high level)										
LCS (6121279-BS1)										
Prepared & Analyzed: 16-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130		
Acetone	15.4		µg/kg wet		20.0		77.0	3.31-159		
Acrylonitrile	17.8		µg/kg wet		20.0		89.0	70-130		
Benzene	19.3		µg/kg wet		20.0		96.5	70-130		
Bromobenzene	20.8		µg/kg wet		20.0		104	70-130		
Bromochloromethane	20.5		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	21.1		µg/kg wet		20.0		106	70-130		
Bromoform	20.5		µg/kg wet		20.0		102	70-130		
Bromomethane	17.5		µg/kg wet		20.0		87.5	50-140		
2-Butanone (MEK)	17.6		µg/kg wet		20.0		88.0	47.7-127		
n-Butylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Carbon disulfide	20.0		µg/kg wet		20.0		100	70-130		
Carbon tetrachloride	22.5		µg/kg wet		20.0		112	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Chloroethane	18.6		µg/kg wet		20.0		93.0	55.9-135		
Chloroform	20.8		µg/kg wet		20.0		104	70-130		
Chloromethane	17.4		µg/kg wet		20.0		87.0	70-130		
2-Chlorotoluene	19.8		µg/kg wet		20.0		99.0	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	18.2		µg/kg wet		20.0		91.0	70-130		
Dibromochloromethane	22.1		µg/kg wet		20.0		110	72-125		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	19.3		µg/kg wet		20.0		96.5	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,3-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130		
Dichlorodifluoromethane (Freon12)	22.2		µg/kg wet		20.0		111	42.3-190		
1,1-Dichloroethane	19.5		µg/kg wet		20.0		97.5	70-130		
1,2-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130		
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		99.5	70-130		
1,2-Dichloropropane	17.8		µg/kg wet		20.0		89.0	70-130		
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98.0	70-130		
2,2-Dichloropropane	25.6		µg/kg wet		20.0		128	70-130		
1,1-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130		
cis-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	19.9		µg/kg wet		20.0		99.5	70-137		
2-Hexanone (MBK)	18.3		µg/kg wet		20.0		91.5	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97.0	70-130		
Methyl tert-butyl ether	18.6		µg/kg wet		20.0		93.0	70-130		
4-Methyl-2-pentanone (MIBK)	18.1		µg/kg wet		20.0		90.5	48.5-127		
Methylene chloride	18.7		µg/kg wet		20.0		93.5	70-130		
Naphthalene	18.2		µg/kg wet		20.0		91.0	70-130		
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Styrene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	22.8		µg/kg wet		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121279 - SW846 5030 Soil (high level)										
LCS (6121279-BS1)										
Prepared & Analyzed: 16-Dec-06										
Tetrachloroethene	21.8		µg/kg wet		20.0		109	70-130		
Toluene	19.8		µg/kg wet		20.0		99.0	70-130		
1,2,3-Trichlorobenzene	19.1		µg/kg wet		20.0		95.5	70-130		
1,2,4-Trichlorobenzene	19.0		µg/kg wet		20.0		95.0	70-130		
1,1,1-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
Trichloroethene	18.3		µg/kg wet		20.0		91.5	70-130		
Trichlorofluoromethane (Freon 11)	22.3		µg/kg wet		20.0		112	66.5-144		
1,2,3-Trichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,2,4-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Vinyl chloride	26.2	QC1	µg/kg wet		20.0		131	70-130		
m,p-Xylene	40.9		µg/kg wet		40.0		102	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	18.6		µg/kg wet		20.0		93.0	70-130		
Ethyl ether	17.9		µg/kg wet		20.0		89.5	64.9-123		
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94.0	70-130		
Ethyl tert-butyl ether	18.3		µg/kg wet		20.0		91.5	70-130		
Di-isopropyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81.0	70-130		
1,4-Dioxane	175		µg/kg wet		200		87.5	40-134		
Surrogate: 4-Bromofluorobenzene	*31.9*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.5*		µg/kg wet		*30.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*33.2*		µg/kg wet		*30.0*		*111*	*70-130*		
LCS Dup (6121279-BSD1)										
Prepared & Analyzed: 16-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/kg wet		20.0		118	70-130	1.68	25
Acetone	16.6		µg/kg wet		20.0		83.0	3.31-159	7.50	50
Acrylonitrile	18.1		µg/kg wet		20.0		90.5	70-130	1.67	25
Benzene	18.5		µg/kg wet		20.0		92.5	70-130	4.23	25
Bromobenzene	20.4		µg/kg wet		20.0		102	70-130	1.94	25
Bromochloromethane	19.5		µg/kg wet		20.0		97.5	70-130	4.51	25
Bromodichloromethane	19.8		µg/kg wet		20.0		99.0	70-130	6.83	25
Bromoform	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Bromomethane	17.2		µg/kg wet		20.0		86.0	50-140	1.73	50
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90.0	47.7-127	2.25	50
n-Butylbenzene	19.1		µg/kg wet		20.0		95.5	70-130	2.58	25
sec-Butylbenzene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130	1.87	25
Carbon disulfide	19.8		µg/kg wet		20.0		99.0	70-130	1.01	25
Carbon tetrachloride	21.3		µg/kg wet		20.0		106	70-130	5.50	25
Chlorobenzene	19.4		µg/kg wet		20.0		97.0	70-130	0.514	25
Chloroethane	18.3		µg/kg wet		20.0		91.5	55.9-135	1.63	50
Chloroform	19.7		µg/kg wet		20.0		98.5	70-130	5.43	25
Chloromethane	16.9		µg/kg wet		20.0		84.5	70-130	2.92	25
2-Chlorotoluene	19.3		µg/kg wet		20.0		96.5	70-130	2.56	25
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	2.93	25
1,2-Dibromo-3-chloropropane	17.7		µg/kg wet		20.0		88.5	70-130	2.79	25
Dibromochloromethane	21.0		µg/kg wet		20.0		105	72-125	4.65	50
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98.0	70-130	4.00	25
Dibromomethane	18.2		µg/kg wet		20.0		91.0	70-130	5.87	25
1,2-Dichlorobenzene	18.0		µg/kg wet		20.0		90.0	70-130	3.81	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121279 - SW846 5030 Soil (high level)										
LCS Dup (6121279-BSD1)										
Prepared & Analyzed: 16-Dec-06										
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	1.87	25
1,4-Dichlorobenzene	17.6		µg/kg wet		20.0		88.0	70-130	3.35	25
Dichlorodifluoromethane (Freon12)	21.0		µg/kg wet		20.0		105	42.3-190	5.56	50
1,1-Dichloroethane	19.1		µg/kg wet		20.0		95.5	70-130	2.07	25
1,2-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	0.995	25
1,1-Dichloroethene	19.5		µg/kg wet		20.0		97.5	70-130	3.53	25
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99.0	70-130	2.99	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		97.5	70-130	2.03	25
1,2-Dichloropropane	17.2		µg/kg wet		20.0		86.0	70-130	3.43	25
1,3-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130	6.32	25
2,2-Dichloropropane	25.0		µg/kg wet		20.0		125	70-130	2.37	25
1,1-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	2.96	25
cis-1,3-Dichloropropene	21.0		µg/kg wet		20.0		105	70-130	1.89	25
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130	3.02	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.00	25
Hexachlorobutadiene	18.3		µg/kg wet		20.0		91.5	70-137	8.38	50
2-Hexanone (MBK)	19.0		µg/kg wet		20.0		95.0	70-130	3.75	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	1.03	25
4-Isopropyltoluene	18.7		µg/kg wet		20.0		93.5	70-130	3.67	25
Methyl tert-butyl ether	18.3		µg/kg wet		20.0		91.5	70-130	1.63	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92.0	48.5-127	1.64	50
Methylene chloride	18.0		µg/kg wet		20.0		90.0	70-130	3.81	25
Naphthalene	18.3		µg/kg wet		20.0		91.5	70-130	0.548	25
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130	1.94	25
Styrene	21.2		µg/kg wet		20.0		106	70-130	0.948	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,1,2,2-Tetrachloroethane	22.4		µg/kg wet		20.0		112	70-130	1.77	25
Tetrachloroethene	20.5		µg/kg wet		20.0		102	70-130	6.64	25
Toluene	19.1		µg/kg wet		20.0		95.5	70-130	3.60	25
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93.0	70-130	2.65	25
1,2,4-Trichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130	4.30	25
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130	1.87	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99.0	70-130	2.00	25
Trichloroethene	17.9		µg/kg wet		20.0		89.5	70-130	2.21	25
Trichlorofluoromethane (Freon 11)	21.8		µg/kg wet		20.0		109	66.5-144	2.71	50
1,2,3-Trichloropropane	20.5		µg/kg wet		20.0		102	70-130	0.00	25
1,2,4-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130	1.87	25
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	1.90	25
Vinyl chloride	21.7		µg/kg wet		20.0		108	70-130	19.2	25
m,p-Xylene	40.2		µg/kg wet		40.0		100	70-130	1.98	25
o-Xylene	20.5		µg/kg wet		20.0		102	70-130	1.94	25
Tetrahydrofuran	17.3		µg/kg wet		20.0		86.5	70-130	7.24	25
Ethyl ether	18.3		µg/kg wet		20.0		91.5	64.9-123	2.21	50
Tert-amyl methyl ether	18.5		µg/kg wet		20.0		92.5	70-130	1.61	25
Ethyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130	3.33	25
Di-isopropyl ether	17.2		µg/kg wet		20.0		86.0	70-130	2.87	25
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77.5	70-130	4.42	25
1,4-Dioxane	119	QR5	µg/kg wet		200		59.5	40-134	38.1	25
Surrogate: 4-Bromofluorobenzene	*31.9*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*32.6*		µg/kg wet		*30.0*		*109*	*70-130*		
Matrix Spike (6121279-MS1) **Source: SA55594-06**										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121279 - SW846 5030 Soil (high level)										
Prepared & Analyzed: 16-Dec-06										
Benzene	17.0		µg/kg dry		20.0	BRL	85.0	70-130		
Chlorobenzene	21.1		µg/kg dry		20.0	BRL	106	70-130		
1,1-Dichloroethene	13.3	QM7	µg/kg dry		20.0	BRL	66.5	70-130		
Toluene	19.5		µg/kg dry		20.0	BRL	97.5	70-130		
Trichloroethene	15.9		µg/kg dry		20.0	BRL	79.5	70-130		
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*33.0*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg dry		*30.0*		*91.3*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/kg dry		*30.0*		*99.7*	*70-130*		
Matrix Spike Dup (6121279-MSD1) **Source: SA55594-06**										
Prepared & Analyzed: 16-Dec-06										
Benzene	16.7		µg/kg dry		20.0	BRL	83.5	70-130	1.78	30
Chlorobenzene	21.2		µg/kg dry		20.0	BRL	106	70-130	0.00	30
1,1-Dichloroethene	14.5		µg/kg dry		20.0	BRL	72.5	70-130	8.63	30
Toluene	19.9		µg/kg dry		20.0	BRL	99.5	70-130	2.03	30
Trichloroethene	15.9		µg/kg dry		20.0	BRL	79.5	70-130	0.00	30
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*33.1*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.0*		µg/kg dry		*30.0*		*90.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg dry		*30.0*		*99.3*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120771 - SW846 3510C										
Blank (6120771-BLK1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0478*		mg/l		*0.0500*		*95.6*	*40-140*		
LCS (6120771-BS1)										
Prepared: 12-Dec-06 Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.1		mg/l	0.05	1.40		78.6	60-120		
Surrogate: 1-Chlorooctadecane	*0.0413*		mg/l		*0.0500*		*82.6*	*60-120*		
Batch 6121030 - SW846 3550B										
Blank (6121030-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.78*		mg/kg wet		*3.33*		*83.5*	*40-140*		
LCS (6121030-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
C9-C36 Aliphatic Hydrocarbons	70.2		mg/kg wet	13.3	93.3		75.2	60-120		
Surrogate: 1-Chlorooctadecane	*2.63*		mg/kg wet		*3.33*		*79.0*	*60-120*		
Duplicate (6121030-DUP1) **Source: SA55511-01**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Gasoline	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.0		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.0		BRL				50
Motor Oil	BRL		mg/kg dry	28.0		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.0		BRL				50
Unidentified	BRL		mg/kg dry	28.0		BRL				50
Other Oil	BRL		mg/kg dry	28.0		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.0		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.0		BRL				50
Surrogate: 1-Chlorooctadecane	*3.67*		mg/kg dry		*3.51*		*105*	*40-140*		
Matrix Spike (6121030-MS1) **Source: SA55511-01**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
C9-C36 Aliphatic Hydrocarbons	70.8		mg/kg dry	13.9	97.6	BRL	72.5	50-150		
Surrogate: 1-Chlorooctadecane	*2.57*		mg/kg dry		*3.48*		*73.9*	*40-140*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121030 - SW846 3550B										
Matrix Spike Dup (6121030-MSD1) Source: SA55511-01										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
C9-C36 Aliphatic Hydrocarbons	68.5		mg/kg dry	14.0	98.3	BRL	69.7	50-150	3.94	30
Surrogate: 1-Chlorooctadecane	*2.50*		mg/kg dry		*3.51*		*71.2*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120897 - SW846 3550B										
Blank (6120897-BLK1)										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.7*		µg/kg wet		*28.6*		*68.9*	*30-150*		
LCS (6120897-BS1)										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	308		µg/kg wet	28.6	357		86.3	40-140		
PCB 1260	309		µg/kg wet	28.6	357		86.6	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg wet		*28.6*		*67.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80.1*	*30-150*		
LCS Dup (6120897-BSD1)										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	297		µg/kg wet	28.6	357		83.2	40-140	3.66	30
PCB 1260	303		µg/kg wet	28.6	357		84.9	40-140	1.98	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.3*		µg/kg wet		*28.6*		*67.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.4*		µg/kg wet		*28.6*		*71.3*	*30-150*		
Duplicate (6120897-DUP1) **Source: SA55446-24**										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	BRL		µg/kg dry	33.5		BRL				40
PCB 1221	BRL		µg/kg dry	33.5		BRL				40
PCB 1232	BRL		µg/kg dry	33.5		BRL				40
PCB 1242	BRL		µg/kg dry	33.5		BRL				40
PCB 1248	BRL		µg/kg dry	33.5		BRL				40
PCB 1254	BRL		µg/kg dry	33.5		BRL				40
PCB 1260	BRL		µg/kg dry	33.5		BRL				40
PCB 1262	BRL		µg/kg dry	33.5		BRL				40
PCB 1268	BRL		µg/kg dry	33.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.4*		µg/kg dry		*33.5*		*60.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.9*		µg/kg dry		*33.5*		*65.4*	*30-150*		
Matrix Spike (6120897-MS1) **Source: SA55446-24**										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	374		µg/kg dry	33.4	418	BRL	89.5	40-140		
PCB 1260	381		µg/kg dry	33.4	418	BRL	91.1	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.6*		µg/kg dry		*33.4*		*73.7*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.1*		µg/kg dry		*33.4*		*75.1*	*30-150*		
Matrix Spike Dup (6120897-MSD1) **Source: SA55446-24**										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	376		µg/kg dry	33.6	420	BRL	89.5	40-140	0.00	50
PCB 1260	386		µg/kg dry	33.6	420	BRL	91.9	40-140	0.874	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.7*		µg/kg dry		*33.6*		*73.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.5*		µg/kg dry		*33.6*		*78.9*	*30-150*		
Batch 6121033 - SW846 3545A										
Blank (6121033-BLK1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121033 - SW846 3545A										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS (6121033-BS1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	326		µg/kg wet	28.6	357		91.3	40-140		
PCB 1260	351		µg/kg wet	28.6	357		98.3	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*59.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
LCS Dup (6121033-BSD1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	329		µg/kg wet	28.6	357		92.2	40-140	0.981	30
PCB 1260	327		µg/kg wet	28.6	357		91.6	40-140	7.06	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*59.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
Duplicate (6121033-DUP1) **Source: SA55502-01**										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg dry	30.4		BRL				40
PCB 1221	BRL		µg/kg dry	30.4		BRL				40
PCB 1232	BRL		µg/kg dry	30.4		BRL				40
PCB 1242	BRL		µg/kg dry	30.4		BRL				40
PCB 1248	BRL		µg/kg dry	30.4		BRL				40
PCB 1254	BRL		µg/kg dry	30.4		BRL				40
PCB 1260	25.9	J	µg/kg dry	30.4		BRL				40
PCB 1262	BRL		µg/kg dry	30.4		BRL				40
PCB 1268	BRL		µg/kg dry	30.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*30.4*		*70.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.5*		µg/kg dry		*30.4*		*120*	*30-150*		
Matrix Spike (6121033-MS1) **Source: SA55502-01**										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	364		µg/kg dry	30.7	384	BRL	94.8	40-140		
PCB 1260	415		µg/kg dry	30.7	384	BRL	108	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg dry		*30.7*		*59.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.3*		µg/kg dry		*30.7*		*105*	*30-150*		
Matrix Spike Dup (6121033-MSD1) **Source: SA55502-01**										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	348		µg/kg dry	30.5	381	BRL	91.3	40-140	3.76	50
PCB 1260	413		µg/kg dry	30.5	381	BRL	108	40-140	0.00	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg dry		*30.5*		*60.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.1*		µg/kg dry		*30.5*		*115*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	5.00						
Nitrobenzene	BRL		µg/l	5.00						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Phenanthrene	BRL		µg/l	5.00						
Phenanthrene	BRL		µg/l	0.050						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*82.5*		µg/l		*100*		*82.5*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*82.5*		µg/l		*100*		*82.5*	*30-130*		
Surrogate: 2-Fluorophenol	*103*		µg/l		*100*		*103*	*15-110*		
Surrogate: Nitrobenzene-d5	*102*		µg/l		*100*		*102*	*30-130*		
Surrogate: Phenol-d5	*98.2*		µg/l		*100*		*98.2*	*15-110*		
Surrogate: Terphenyl-dl4	*89.7*		µg/l		*100*		*89.7*	*30-130*		
Surrogate: Terphenyl-dl4	*89.7*		µg/l		*100*		*89.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*83.0*		µg/l		*100*		*83.0*	*15-110*		
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Acenaphthene	76.8		µg/l	5.00	100		76.8	40-130		
Acenaphthene	76.8		µg/l	0.050	100		76.8	40-140		
Acenaphthylene	77.5		µg/l	5.00	100		77.5	40-130		
Acenaphthylene	77.5		µg/l	0.050	100		77.5	40-140		
1-Methylnaphthalene	80.4		µg/l	0.050	100		80.4	40-140		
Anthracene	80.1		µg/l	5.00	100		80.1	40-130		
Anthracene	80.1		µg/l	0.050	100		80.1	40-140		
Azobenzene/Diphenyldiazine	90.2		µg/l	5.00	100		90.2	40-130		
Benzidine	40.7		µg/l	5.00	100		40.7	40-130		
Benzo (a) anthracene	81.7		µg/l	5.00	100		81.7	40-130		
Benzo (a) anthracene	81.7		µg/l	0.050	100		81.7	40-140		
Benzo (a) pyrene	82.8		µg/l	5.00	100		82.8	40-130		
Benzo (a) pyrene	82.8		µg/l	0.050	100		82.8	40-140		
Benzo (b) fluoranthene	78.8		µg/l	5.00	100		78.8	40-130		
Benzo (b) fluoranthene	78.8		µg/l	0.050	100		78.8	40-140		
Benzo (g,h,i) perylene	91.2		µg/l	5.00	100		91.2	40-130		
Benzo (g,h,i) perylene	91.2		µg/l	0.050	100		91.2	40-140		
Benzo (k) fluoranthene	74.0		µg/l	5.00	100		74.0	40-130		
Benzo (k) fluoranthene	74.0	•	µg/l	0.050	100		74.0	40-140		
Benzoic acid	1.03	QC2	µg/l	5.00	100		1.03	40-130		
Benzyl alcohol	60.4		µg/l	5.00	100		60.4	40-130		
Bis(2-chloroethoxy)methane	78.6		µg/l	5.00	100		78.6	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Bis(2-chloroethyl)ether	67.7		µg/l	5.00	100		67.7	40-130		
Bis(2-chloroisopropyl)ether	141	QC2	µg/l	5.00	100		141	40-130		
Bis(2-ethylhexyl)phthalate	85.0		µg/l	5.00	100		85.0	40-130		
4-Bromophenyl phenyl ether	74.3		µg/l	5.00	100		74.3	40-130		
Butyl benzyl phthalate	86.1		µg/l	5.00	100		86.1	40-130		
4-Chloroaniline	66.5		µg/l	5.00	100		66.5	40-130		
2-Chloronaphthalene	71.3		µg/l	5.00	100		71.3	40-130		
4-Chlorophenyl phenyl ether	74.7		µg/l	5.00	100		74.7	40-130		
Chrysene	81.5		µg/l	5.00	100		81.5	40-130		
Chrysene	81.5		µg/l	0.050	100		81.5	40-140		
Dibenzo (a,h) anthracene	90.0		µg/l	5.00	100		90.0	40-130		
Dibenzo (a,h) anthracene	90.0		µg/l	0.050	100		90.0	40-140		
Dibenzofuran	67.9		µg/l	5.00	100		67.9	40-130		
1,2-Dichlorobenzene	65.8		µg/l	5.00	100		65.8	40-130		
1,3-Dichlorobenzene	63.0		µg/l	5.00	100		63.0	40-130		
1,4-Dichlorobenzene	65.0		µg/l	5.00	100		65.0	40-130		
3,3´-Dichlorobenzidine	84.1		µg/l	5.00	100		84.1	40-130		
Diethyl phthalate	83.3		µg/l	5.00	100		83.3	40-130		
Dimethyl phthalate	75.6		µg/l	5.00	100		75.6	40-130		
Di-n-butyl phthalate	84.5		µg/l	5.00	100		84.5	40-130		
2,4-Dinitrotoluene	78.7		µg/l	5.00	100		78.7	40-130		
2,6-Dinitrotoluene	77.0		µg/l	5.00	100		77.0	40-130		
Di-n-octyl phthalate	79.9		µg/l	5.00	100		79.9	40-130		
Fluoranthene	81.4		µg/l	5.00	100		81.4	40-130		
Fluoranthene	81.4		µg/l	0.050	100		81.4	40-140		
Fluorene	77.6		µg/l	5.00	100		77.6	40-130		
Fluorene	77.6		µg/l	0.050	100		77.6	40-140		
Hexachlorobenzene	66.0		µg/l	5.00	100		66.0	40-130		
Hexachlorobutadiene	64.7		µg/l	5.00	100		64.7	40-130		
Hexachlorocyclopentadiene	68.7		µg/l	5.00	100		68.7	40-130		
Hexachloroethane	72.6		µg/l	5.00	100		72.6	40-130		
Indeno (1,2,3-cd) pyrene	92.3		µg/l	5.00	100		92.3	40-130		
Indeno (1,2,3-cd) pyrene	92.3		µg/l	0.050	100		92.3	40-140		
Isophorone	73.1		µg/l	5.00	100		73.1	40-130		
2-Methylnaphthalene	64.3		µg/l	5.00	100		64.3	40-130		
2-Methylnaphthalene	64.3		µg/l	0.050	100		64.3	40-140		
Naphthalene	67.2		µg/l	5.00	100		67.2	40-130		
Naphthalene	67.2		µg/l	0.050	100		67.2	40-140		
2-Nitroaniline	84.8		µg/l	5.00	100		84.8	40-130		
3-Nitroaniline	75.3		µg/l	5.00	100		75.3	40-130		
4-Nitroaniline	106		µg/l	5.00	100		106	40-130		
Nitrobenzene	77.7		µg/l	5.00	100		77.7	40-130		
N-Nitrosodimethylamine	43.0		µg/l	5.00	100		43.0	40-130		
N-Nitrosodiphenylamine	84.2		µg/l	5.00	100		84.2	40-130		
Phenanthrene	76.2		µg/l	5.00	100		76.2	40-130		
Phenanthrene	76.2		µg/l	0.050	100		76.2	40-140		
Pyrene	77.2		µg/l	5.00	100		77.2	40-130		
Pyrene	77.2		µg/l	0.050	100		77.2	40-140		
Hexachlorobenzene	66.0		µg/l	1.00	100		66.0	40-140		
Hexachloroethane	72.6		µg/l	1.00	100		72.6	40-140		
Pentachlorophenol	84.7		µg/l	1.00	100		84.7	30-130		
Hexachlorobutadiene	64.7		µg/l	0.500	100		64.7	40-140		
Surrogate: 2-Fluorobiphenyl	*87.6*		µg/l		*100*		*87.6*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Surrogate: 2-Fluorobiphenyl	*87.6*		µg/l		*100*		*87.6*	*30-130*		
Surrogate: 2-Fluorophenol	*81.0*		µg/l		*100*		*81.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*97.5*		µg/l		*100*		*97.5*	*30-130*		
Surrogate: Phenol-d5	*74.4*		µg/l		*100*		*74.4*	*15-110*		
Surrogate: Terphenyl-dl4	*89.6*		µg/l		*100*		*89.6*	*30-130*		
Surrogate: Terphenyl-dl4	*89.6*		µg/l		*100*		*89.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*88.4*		µg/l		*100*		*88.4*	*15-110*		
Batch 6121028 - SW846 3550B										
Blank (6121028-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Acenaphthene	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121028 - SW846 3550B										
Blank (6121028-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Benzo (a) anthracene	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2150*		µg/kg wet		*3330*		*64.6*	*30-130*		
Surrogate: 2-Fluorophenol	*2570*		µg/kg wet		*3330*		*77.2*	*30-130*		
Surrogate: Nitrobenzene-d5	*2440*		µg/kg wet		*3330*		*73.3*	*30-130*		
Surrogate: Phenol-d5	*2600*		µg/kg wet		*3330*		*78.1*	*30-130*		
Surrogate: Terphenyl-dl4	*2470*		µg/kg wet		*3330*		*74.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2490*		µg/kg wet		*3330*		*74.8*	*30-130*		
LCS (6121028-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
N-Nitrosodimethylamine	1520		µg/kg wet	165	3330		45.6	40-130		
Bis(2-chloroethyl)ether	2150		µg/kg wet	165	3330		64.6	40-130		
1,3-Dichlorobenzene	1740		µg/kg wet	165	3330		52.3	40-130		
1,4-Dichlorobenzene	1810		µg/kg wet	165	3330		54.4	40-130		
1,2-Dichlorobenzene	1960		µg/kg wet	165	3330		58.9	40-130		
Benzyl alcohol	2100		µg/kg wet	165	3330		63.1	40-130		
Bis(2-chloroisopropyl)ether	1660		µg/kg wet	165	3330		49.8	40-130		
Hexachloroethane	1800		µg/kg wet	165	3330		54.1	40-130		
Nitrobenzene	1810		µg/kg wet	165	3330		54.4	40-130		
Isophorone	1910		µg/kg wet	165	3330		57.4	40-130		
Bis(2-chloroethoxy)methane	2120		µg/kg wet	165	3330		63.7	40-130		
Benzoic acid	216	QC2	µg/kg wet	165	3330		6.49	40-130		
Naphthalene	1490		µg/kg wet	165	3330		44.7	40-130		
4-Chloroaniline	2230		µg/kg wet	165	3330		67.0	40-130		
Hexachlorobutadiene	1800		µg/kg wet	165	3330		54.1	40-130		
2-Methylnaphthalene	1730		µg/kg wet	165	3330		52.0	40-130		
Hexachlorocyclopentadiene	942	QC2	µg/kg wet	165	3330		28.3	40-130		
2-Chloronaphthalene	1870		µg/kg wet	165	3330		56.2	40-130		
2-Nitroaniline	2100		µg/kg wet	165	3330		63.1	40-130		
Acenaphthylene	2380		µg/kg wet	165	3330		71.5	40-130		
Dimethyl phthalate	2150		µg/kg wet	165	3330		64.6	40-130		
2,6-Dinitrotoluene	2250		µg/kg wet	165	3330		67.6	40-130		
Acenaphthene	1980		µg/kg wet	165	3330		59.5	40-130		
3-Nitroaniline	2250		µg/kg wet	165	3330		67.6	40-130		
Dibenzofuran	1820		µg/kg wet	165	3330		54.7	40-130		
2,4-Dinitrotoluene	1950		µg/kg wet	165	3330		58.6	40-130		
Fluorene	2110		µg/kg wet	165	3330		63.4	40-130		
4-Chlorophenyl phenyl ether	2090		µg/kg wet	165	3330		62.8	40-130		
Diethyl phthalate	2210		µg/kg wet	165	3330		66.4	40-130		
4-Nitroaniline	3170		µg/kg wet	165	3330		95.2	40-130		
N-Nitrosodiphenylamine	2430		µg/kg wet	165	3330		73.0	40-130		
Azobenzene/Diphenyldiazine	1860		µg/kg wet	165	3330		55.9	40-130		
4-Bromophenyl phenyl ether	2300		µg/kg wet	165	3330		69.1	40-130		
Hexachlorobenzene	1940		µg/kg wet	165	3330		58.3	40-130		
Phenanthrene	1830		µg/kg wet	165	3330		55.0	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121028 - SW846 3550B										
LCS (6121028-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Anthracene	2260		µg/kg wet	165	3330		67.9	40-130		
Di-n-butyl phthalate	1780		µg/kg wet	165	3330		53.5	40-130		
Fluoranthene	1990		µg/kg wet	165	3330		59.8	40-130		
Benzidine	280	QC2	µg/kg wet	165	3330		8.41	40-130		
Pyrene	1910		µg/kg wet	165	3330		57.4	40-130		
Butyl benzyl phthalate	2320		µg/kg wet	165	3330		69.7	40-130		
3,3´-Dichlorobenzidine	2480		µg/kg wet	165	3330		74.5	40-130		
Benzo (a) anthracene	2140		µg/kg wet	165	3330		64.3	40-130		
Chrysene	2030		µg/kg wet	165	3330		61.0	40-130		
Bis(2-ethylhexyl)phthalate	2280		µg/kg wet	165	3330		68.5	40-130		
Di-n-octyl phthalate	2710		µg/kg wet	165	3330		81.4	40-130		
Benzo (b) fluoranthene	2090		µg/kg wet	165	3330		62.8	40-130		
Benzo (k) fluoranthene	2050		µg/kg wet	165	3330		61.6	40-130		
Benzo (a) pyrene	2130		µg/kg wet	165	3330		64.0	40-130		
Indeno (1,2,3-cd) pyrene	1700		µg/kg wet	165	3330		51.1	40-130		
Dibenzo (a,h) anthracene	1720		µg/kg wet	165	3330		51.7	40-130		
Benzo (g,h,i) perylene	1550		µg/kg wet	165	3330		46.5	40-130		
Surrogate: 2-Fluorobiphenyl	*2030*		µg/kg wet		*3330*		*61.0*	*30-130*		
Surrogate: 2-Fluorophenol	*2180*		µg/kg wet		*3330*		*65.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*2200*		µg/kg wet		*3330*		*66.1*	*30-130*		
Surrogate: Phenol-d5	*2300*		µg/kg wet		*3330*		*69.1*	*15-110*		
Surrogate: Terphenyl-dl4	*2260*		µg/kg wet		*3330*		*67.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2700*		µg/kg wet		*3330*		*81.1*	*15-110*		
Duplicate (6121028-DUP1) **Source: SA55511-06**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg dry	183		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	183		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	183		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	183		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	183		BRL				50
Benzyl alcohol	BRL		µg/kg dry	183		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	183		BRL				50
Hexachloroethane	BRL		µg/kg dry	183		BRL				50
Nitrobenzene	BRL		µg/kg dry	183		BRL				50
Isophorone	BRL		µg/kg dry	183		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	183		BRL				50
Benzoic acid	BRL		µg/kg dry	183		BRL				50
Naphthalene	2350		µg/kg dry	183		1960			18.1	50
4-Chloroaniline	BRL		µg/kg dry	183		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	183		BRL				50
2-Methylnaphthalene	10100		µg/kg dry	183		10000			0.995	50
Hexachlorocyclopentadiene	BRL		µg/kg dry	183		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	183		BRL				50
2-Nitroaniline	BRL		µg/kg dry	183		BRL				50
Acenaphthylene	BRL		µg/kg dry	183		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	183		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	183		BRL				50
Acenaphthene	559		µg/kg dry	183		579			3.51	50
3-Nitroaniline	BRL		µg/kg dry	183		BRL				50
Dibenzofuran	BRL		µg/kg dry	183		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	183		BRL				50
Fluorene	1120		µg/kg dry	183		1330			17.1	50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	183		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121028 - SW846 3550B										
Duplicate (6121028-DUP1) **Source: SA55511-06**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Diethyl phthalate	BRL		µg/kg dry	183		BRL				50
4-Nitroaniline	BRL		µg/kg dry	183		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	183		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	183		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	183		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	183		BRL				50
Phenanthrene	4180		µg/kg dry	183		3820			9.00	50
Anthracene	854		µg/kg dry	183		684			22.1	50
Di-n-butyl phthalate	BRL		µg/kg dry	183		BRL				50
Fluoranthene	169	J	µg/kg dry	183		126			29.2	50
Benzidine	BRL		µg/kg dry	183		BRL				50
Pyrene	257		µg/kg dry	183		239			7.26	50
Butyl benzyl phthalate	BRL		µg/kg dry	183		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	183		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	183		BRL				50
Chrysene	BRL		µg/kg dry	183		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	183		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	183		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	183		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	183		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	183		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	183		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	183		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	183		BRL				50
Surrogate: 2-Fluorobiphenyl	*1060*		µg/kg dry		*1850*		*57.3*	*30-130*		
Surrogate: 2-Fluorophenol	*934*		µg/kg dry		*1850*		*50.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*896*		µg/kg dry		*1850*		*48.4*	*30-130*		
Surrogate: Phenol-d5	*394*	SGC	µg/kg dry		*1850*		*21.3*	*30-130*		
Surrogate: Terphenyl-dl4	*1140*		µg/kg dry		*1850*		*61.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1060*		µg/kg dry		*1850*		*57.3*	*30-130*		
Matrix Spike (6121028-MS1) **Source: SA55511-06**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Phenol	3090		µg/kg dry	183	7400	BRL	41.8	30-130		
1,4-Dichlorobenzene	1660		µg/kg dry	183	3700	BRL	44.9	40-140		
Acenaphthene	1990	QM5	µg/kg dry	183	3700	579	38.1	40-140		
2,4-Dinitrotoluene	2150		µg/kg dry	183	3700	BRL	58.1	40-140		
Pyrene	1810		µg/kg dry	183	3700	239	42.5	40-140		
Surrogate: 2-Fluorobiphenyl	*3160*		µg/kg dry		*3700*		*85.4*	*30-130*		
Surrogate: 2-Fluorophenol	*2690*		µg/kg dry		*3700*		*72.7*	*30-130*		
Surrogate: Nitrobenzene-d5	*2330*		µg/kg dry		*3700*		*63.0*	*30-130*		
Surrogate: Phenol-d5	*2220*		µg/kg dry		*3700*		*60.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2780*		µg/kg dry		*3700*		*75.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3440*		µg/kg dry		*3700*		*93.0*	*30-130*		
Matrix Spike Dup (6121028-MSD1) **Source: SA55511-06**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Phenol	3250		µg/kg dry	184	7420	BRL	43.8	30-130	4.67	30
1,4-Dichlorobenzene	1740		µg/kg dry	184	3710	BRL	46.9	40-140	4.36	30
Acenaphthene	1930	QM5	µg/kg dry	184	3710	579	36.4	40-140	4.56	30
2,4-Dinitrotoluene	1010	QM5	µg/kg dry	184	3710	BRL	27.2	40-140	72.5	30
Pyrene	1900		µg/kg dry	184	3710	239	44.8	40-140	5.27	30
Surrogate: 2-Fluorobiphenyl	*2860*		µg/kg dry		*3710*		*77.1*	*30-130*		
Surrogate: 2-Fluorophenol	*2700*		µg/kg dry		*3710*		*72.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*2020*		µg/kg dry		*3710*		*54.4*	*30-130*		
Surrogate: Phenol-d5	*2250*		µg/kg dry		*3710*		*60.6*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121028 - SW846 3550B										
Matrix Spike Dup (6121028-MSD1) Source: SA55511-06										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Surrogate: Terphenyl-dl4	*2970*		µg/kg dry		*3710*		*80.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3770*		µg/kg dry		*3710*		*102*	*30-130*		
Batch 6121029 - SW846 3550B										
Blank (6121029-BLK1)										
Prepared & Analyzed: 14-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Acenaphthene	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121029 - SW846 3550B										
Blank (6121029-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2390*		µg/kg wet		*3330*		*71.8*	*30-130*		
Surrogate: 2-Fluorophenol	*2190*		µg/kg wet		*3330*		*65.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*1890*		µg/kg wet		*3330*		*56.8*	*30-130*		
Surrogate: Phenol-d5	*1730*		µg/kg wet		*3330*		*52.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2510*		µg/kg wet		*3330*		*75.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2290*		µg/kg wet		*3330*		*68.8*	*30-130*		
LCS (6121029-BS1)										
Prepared & Analyzed: 14-Dec-06										
N-Nitrosodimethylamine	1920		µg/kg wet	165	3330		57.7	40-130		
Bis(2-chloroethyl)ether	1890		µg/kg wet	165	3330		56.8	40-130		
1,3-Dichlorobenzene	1930		µg/kg wet	165	3330		58.0	40-130		
1,4-Dichlorobenzene	2200		µg/kg wet	165	3330		66.1	40-130		
1,2-Dichlorobenzene	2030		µg/kg wet	165	3330		61.0	40-130		
Benzyl alcohol	1950		µg/kg wet	165	3330		58.6	40-130		
Bis(2-chloroisopropyl)ether	3090		µg/kg wet	165	3330		92.8	40-130		
Hexachloroethane	2500		µg/kg wet	165	3330		75.1	40-130		
Nitrobenzene	1740		µg/kg wet	165	3330		52.3	40-130		
Isophorone	2080		µg/kg wet	165	3330		62.5	40-130		
Bis(2-chloroethoxy)methane	2360		µg/kg wet	165	3330		70.9	40-130		
Benzoic acid	90.3	QC2	µg/kg wet	165	3330		2.71	40-130		
Naphthalene	2510		µg/kg wet	165	3330		75.4	40-130		
4-Chloroaniline	1890		µg/kg wet	165	3330		56.8	40-130		
Hexachlorobutadiene	2760		µg/kg wet	165	3330		82.9	40-130		
2-Methylnaphthalene	2470		µg/kg wet	165	3330		74.2	40-130		
Hexachlorocyclopentadiene	1360		µg/kg wet	165	3330		40.8	40-130		
2-Chloronaphthalene	2120		µg/kg wet	165	3330		63.7	40-130		
2-Nitroaniline	2060		µg/kg wet	165	3330		61.9	40-130		
Acenaphthylene	2360		µg/kg wet	165	3330		70.9	40-130		
Dimethyl phthalate	2300		µg/kg wet	165	3330		69.1	40-130		
2,6-Dinitrotoluene	2070		µg/kg wet	165	3330		62.2	40-130		
Acenaphthene	2290		µg/kg wet	165	3330		68.8	40-130		
3-Nitroaniline	1640		µg/kg wet	165	3330		49.2	40-130		
Dibenzofuran	2210		µg/kg wet	165	3330		66.4	40-130		
2,4-Dinitrotoluene	2090		µg/kg wet	165	3330		62.8	40-130		
Fluorene	2440		µg/kg wet	165	3330		73.3	40-130		
4-Chlorophenyl phenyl ether	2590		µg/kg wet	165	3330		77.8	40-130		
Diethyl phthalate	2280		µg/kg wet	165	3330		68.5	40-130		
4-Nitroaniline	1980		µg/kg wet	165	3330		59.5	40-130		
N-Nitrosodiphenylamine	2400		µg/kg wet	165	3330		72.1	40-130		
Azobenzene/Diphenyldiazine	1920		µg/kg wet	165	3330		57.7	40-130		
4-Bromophenyl phenyl ether	2580		µg/kg wet	165	3330		77.5	40-130		
Hexachlorobenzene	2490		µg/kg wet	165	3330		74.8	40-130		
Phenanthrene	2270		µg/kg wet	165	3330		68.2	40-130		
Anthracene	2420		µg/kg wet	165	3330		72.7	40-130		
Di-n-butyl phthalate	2270		µg/kg wet	165	3330		68.2	40-130		
Fluoranthene	2470		µg/kg wet	165	3330		74.2	40-130		
Benzidine	227	QC2	µg/kg wet	165	3330		6.82	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121029 - SW846 3550B										
LCS (6121029-BS1)										
Prepared & Analyzed: 14-Dec-06										
Pyrene	2090		µg/kg wet	165	3330		62.8	40-130		
Butyl benzyl phthalate	1820		µg/kg wet	165	3330		54.7	40-130		
3,3'-Dichlorobenzidine	1930		µg/kg wet	165	3330		58.0	40-130		
Benzo (a) anthracene	2030		µg/kg wet	165	3330		61.0	40-130		
Chrysene	2520		µg/kg wet	165	3330		75.7	40-130		
Bis(2-ethylhexyl)phthalate	1860		µg/kg wet	165	3330		55.9	40-130		
Di-n-octyl phthalate	1820		µg/kg wet	165	3330		54.7	40-130		
Benzo (b) fluoranthene	1550		µg/kg wet	165	3330		46.5	40-130		
Benzo (k) fluoranthene	3080		µg/kg wet	165	3330		92.5	40-130		
Benzo (a) pyrene	2330		µg/kg wet	165	3330		70.0	40-130		
Indeno (1,2,3-cd) pyrene	2220		µg/kg wet	165	3330		66.7	40-130		
Dibenzo (a,h) anthracene	2270		µg/kg wet	165	3330		68.2	40-130		
Benzo (g,h,i) perylene	2110		µg/kg wet	165	3330		63.4	40-130		
Surrogate: 2-Fluorobiphenyl	*2670*		µg/kg wet		*3330*		*80.2*	*30-130*		
Surrogate: 2-Fluorophenol	*2080*		µg/kg wet		*3330*		*62.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*2610*		µg/kg wet		*3330*		*78.4*	*30-130*		
Surrogate: Phenol-d5	*1780*		µg/kg wet		*3330*		*53.5*	*15-110*		
Surrogate: Terphenyl-dl4	*2550*		µg/kg wet		*3330*		*76.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2990*		µg/kg wet		*3330*		*89.8*	*15-110*		
Duplicate (6121029-DUP1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	195		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
Benzyl alcohol	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	195		BRL				50
Hexachloroethane	BRL		µg/kg dry	195		BRL				50
Nitrobenzene	BRL		µg/kg dry	195		BRL				50
Isophorone	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	195		BRL				50
Benzoic acid	BRL		µg/kg dry	195		BRL				50
Naphthalene	BRL		µg/kg dry	195		BRL				50
4-Chloroaniline	BRL		µg/kg dry	195		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	195		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	195		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	195		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	195		BRL				50
2-Nitroaniline	BRL		µg/kg dry	195		BRL				50
Acenaphthylene	BRL		µg/kg dry	195		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	195		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	195		BRL				50
Acenaphthene	BRL		µg/kg dry	195		BRL				50
3-Nitroaniline	BRL		µg/kg dry	195		BRL				50
Dibenzofuran	BRL		µg/kg dry	195		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	195		BRL				50
Fluorene	BRL		µg/kg dry	195		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	195		BRL				50
Diethyl phthalate	BRL		µg/kg dry	195		BRL				50
4-Nitroaniline	BRL		µg/kg dry	195		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	195		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	195		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121029 - SW846 3550B										
Duplicate (6121029-DUP1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
4-Bromophenyl phenyl ether	BRL		µg/kg dry	195		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	195		BRL				50
Phenanthrene	122	J	µg/kg dry	195		200			48.4	50
Anthracene	25.3	J	µg/kg dry	195		26.6			5.01	50
Di-n-butyl phthalate	BRL		µg/kg dry	195		BRL				50
Fluoranthene	59.2	J	µg/kg dry	195		64.0			7.79	50
Benzidine	BRL		µg/kg dry	195		BRL				50
Pyrene	97.9	J	µg/kg dry	195		137			33.3	50
Butyl benzyl phthalate	BRL		µg/kg dry	195		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	195		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	195		BRL				50
Chrysene	BRL		µg/kg dry	195		24.6				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	195		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	195		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	195		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	195		21.5				50
Benzo (a) pyrene	BRL		µg/kg dry	195		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	195		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	195		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	195		BRL				50
Surrogate: 2-Fluorobiphenyl	*1370*		µg/kg dry		*1970*		*69.5*	*30-130*		
Surrogate: 2-Fluorophenol	*1100*		µg/kg dry		*1970*		*55.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*1130*		µg/kg dry		*1970*		*57.4*	*30-130*		
Surrogate: Phenol-d5	*1180*		µg/kg dry		*1970*		*59.9*	*30-130*		
Surrogate: Terphenyl-dl4	*1770*		µg/kg dry		*1970*		*89.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1370*		µg/kg dry		*1970*		*69.5*	*30-130*		
Matrix Spike (6121029-MS1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Phenol	3780		µg/kg dry	201	8100	BRL	46.7	30-130		
1,4-Dichlorobenzene	2090		µg/kg dry	201	4050	BRL	51.6	40-140		
Acenaphthene	2440		µg/kg dry	201	4050	BRL	60.2	40-140		
2,4-Dinitrotoluene	1960		µg/kg dry	201	4050	BRL	48.4	40-140		
Pyrene	3050		µg/kg dry	201	4050	137	71.9	40-140		
Surrogate: 2-Fluorobiphenyl	*2840*		µg/kg dry		*4050*		*70.1*	*30-130*		
Surrogate: 2-Fluorophenol	*1940*		µg/kg dry		*4050*		*47.9*	*30-130*		
Surrogate: Nitrobenzene-d5	*2030*		µg/kg dry		*4050*		*50.1*	*30-130*		
Surrogate: Phenol-d5	*2200*		µg/kg dry		*4050*		*54.3*	*30-130*		
Surrogate: Terphenyl-dl4	*3440*		µg/kg dry		*4050*		*84.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3300*		µg/kg dry		*4050*		*81.5*	*30-130*		
Matrix Spike Dup (6121029-MSD1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Phenol	3240		µg/kg dry	199	8050	BRL	40.2	30-130	15.0	30
1,4-Dichlorobenzene	1750		µg/kg dry	199	4020	BRL	43.5	40-140	17.0	30
Acenaphthene	2070		µg/kg dry	199	4020	BRL	51.5	40-140	15.6	30
2,4-Dinitrotoluene	1780		µg/kg dry	199	4020	BRL	44.3	40-140	8.85	30
Pyrene	2630		µg/kg dry	199	4020	137	62.0	40-140	14.8	30
Surrogate: 2-Fluorobiphenyl	*2450*		µg/kg dry		*4020*		*60.9*	*30-130*		
Surrogate: 2-Fluorophenol	*1960*		µg/kg dry		*4020*		*48.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*2080*		µg/kg dry		*4020*		*51.7*	*30-130*		
Surrogate: Phenol-d5	*1970*		µg/kg dry		*4020*		*49.0*	*30-130*		
Surrogate: Terphenyl-dl4	*2920*		µg/kg dry		*4020*		*72.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2670*		µg/kg dry		*4020*		*66.4*	*30-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120843 - EPA200/SW7000 Series										
Blank (6120843-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	BRL		mg/kg wet	0.0296						
Duplicate (6120843-DUP1) **Source: SA55399-01**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	BRL		mg/kg dry	0.0361		BRL				20
Matrix Spike (6120843-MS1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	9.16		mg/kg dry		8.50	0.102	107	75-125		
Matrix Spike (6120843-MS2) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	8.93		mg/kg dry		8.50	0.0591	104	75-125		
Post Spike (6120843-PS1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	9.06		mg/kg dry		8.50	0.0989	105	75-125		
Reference (6120843-SRM1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	1.70		mg/kg wet	0.0300	1.46		116	66-132.6		
Batch 6120845 - SW846 3005A										
Blank (6120845-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
LCS (6120845-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	0.494		mg/l	0.0150	0.500		98.8	85-115		
Lead	0.489		mg/l	0.0075	0.500		97.8	85-115		
Silver	0.447		mg/l	0.0050	0.500		89.4	85-115		
Cadmium	0.492		mg/l	0.0025	0.500		98.4	85-115		
Arsenic	0.456		mg/l	0.0040	0.500		91.2	85-115		
Chromium	0.503		mg/l	0.0050	0.500		101	85-115		
Barium	0.514		mg/l	0.0050	0.500		103	85-115		
LCS Dup (6120845-BSD1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	0.480		mg/l	0.0075	0.500		96.0	85-115	1.86	20
Selenium	0.487		mg/l	0.0150	0.500		97.4	85-115	1.43	20
Cadmium	0.484		mg/l	0.0025	0.500		96.8	85-115	1.64	20
Silver	0.436		mg/l	0.0050	0.500		87.2	85-115	2.49	20
Barium	0.506		mg/l	0.0050	0.500		101	85-115	1.57	20
Chromium	0.495		mg/l	0.0050	0.500		99.0	85-115	1.60	20
Arsenic	0.446		mg/l	0.0040	0.500		89.2	85-115	2.22	20
Duplicate (6120845-DUP1) **Source: SA55399-14**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	0.0775		mg/l	0.0075		0.0782			0.899	20
Selenium	0.0112	J	mg/l	0.0150		0.0103			8.37	20

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Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120845 - SW846 3005A										
Duplicate (6120845-DUP1) **Source: SA55399-14**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Barium	1.85		mg/l	0.0050		1.88			1.61	20
Arsenic	0.0224		mg/l	0.0040		0.0244			8.55	20
Chromium	0.199		mg/l	0.0050		0.199			0.00	20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0058		mg/l	0.0025		0.0058			0.00	20
Matrix Spike (6120845-MS1) **Source: SA55399-15**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	0.481		mg/l	0.0075	0.500	0.0031	95.6	75-125		
Selenium	0.485		mg/l	0.0150	0.500	BRL	97.0	75-125		
Arsenic	0.452		mg/l	0.0040	0.500	BRL	90.4	75-125		
Chromium	0.493		mg/l	0.0050	0.500	0.0022	98.2	75-125		
Barium	0.508		mg/l	0.0050	0.500	BRL	102	75-125		
Cadmium	0.485		mg/l	0.0025	0.500	BRL	97.0	75-125		
Silver	0.403		mg/l	0.0050	0.500	BRL	80.6	75-125		
Matrix Spike Dup (6120845-MSD1) **Source: SA55399-15**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	0.488		mg/l	0.0075	0.500	0.0031	97.0	75-125	1.44	20
Selenium	0.488		mg/l	0.0150	0.500	BRL	97.6	75-125	0.617	20
Chromium	0.502		mg/l	0.0050	0.500	0.0022	100	75-125	1.81	20
Cadmium	0.492		mg/l	0.0025	0.500	BRL	98.4	75-125	1.43	20
Arsenic	0.454		mg/l	0.0040	0.500	BRL	90.8	75-125	0.442	20
Barium	0.518		mg/l	0.0050	0.500	BRL	104	75-125	1.95	20
Silver	0.451		mg/l	0.0050	0.500	BRL	90.2	75-125	11.2	20
Post Spike (6120845-PS1) **Source: SA55399-15**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	0.488		mg/l	0.0150	0.500	BRL	97.6	80-120		
Lead	0.488		mg/l	0.0075	0.500	0.0031	97.0	80-120		
Cadmium	0.491		mg/l	0.0025	0.500	BRL	98.2	80-120		
Barium	0.514		mg/l	0.0050	0.500	BRL	103	80-120		
Silver	0.486		mg/l	0.0050	0.500	BRL	97.2	80-120		
Arsenic	0.456		mg/l	0.0040	0.500	BRL	91.2	80-120		
Chromium	0.499		mg/l	0.0050	0.500	0.0022	99.4	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120841 - EPA 200 Series										
Blank (6120841-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	BRL		mg/kg wet	1.38						
Silver	BRL		mg/kg wet	1.15						
Lead	BRL		mg/kg wet	0.691						
Arsenic	BRL		mg/kg wet	1.38						
Chromium	BRL		mg/kg wet	0.461						
Cadmium	BRL		mg/kg wet	0.230						
Barium	BRL		mg/kg wet	0.461						
LCS (6120841-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	124		mg/kg wet	1.50	125		99.2	85-115		
Silver	120		mg/kg wet	1.25	125		96.0	85-115		
Chromium	125		mg/kg wet	0.500	125		100	85-115		
Arsenic	120		mg/kg wet	1.50	125		96.0	85-115		
Cadmium	123		mg/kg wet	0.250	125		98.4	85-115		
Lead	116		mg/kg wet	0.750	125		92.8	85-115		
Barium	128		mg/kg wet	0.500	125		102	85-115		
Duplicate (6120841-DUP1) **Source: SA55399-01**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	0.882	J	mg/kg dry	1.77		BRL				20
Silver	BRL		mg/kg dry	1.48		BRL				20
Lead	7.46		mg/kg dry	0.887		7.11			4.80	20
Arsenic	0.911	J,QR1	mg/kg dry	1.77		0.624			37.4	20
Chromium	15.3		mg/kg dry	0.592		14.1			8.16	20
Cadmium	0.521	QR1	mg/kg dry	0.296		0.392			28.3	20
Barium	50.1		mg/kg dry	0.592		45.6			9.40	20
Matrix Spike (6120841-MS1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	126		mg/kg dry	1.60	133	1.01	94.0	70-130		
Silver	125		mg/kg dry	1.33	133	BRL	94.0	70-130		
Cadmium	122		mg/kg dry	0.266	133	0.737	91.2	70-130		
Chromium	146		mg/kg dry	0.533	133	19.6	95.0	70-130		
Arsenic	127		mg/kg dry	1.60	133	6.65	90.5	70-130		
Lead	123		mg/kg dry	0.799	133	7.60	86.8	70-130		
Barium	210		mg/kg dry	0.533	133	82.3	96.0	70-130		
Matrix Spike (6120841-MS2) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Silver	114		mg/kg dry	1.11	111	BRL	103	70-130		
Selenium	108		mg/kg dry	1.33	111	BRL	97.3	70-130		
Lead	98.2		mg/kg dry	0.664	111	3.60	85.2	70-130		
Cadmium	99.5		mg/kg dry	0.221	111	0.269	89.4	70-130		
Chromium	124		mg/kg dry	0.443	111	11.9	101	70-130		
Arsenic	109		mg/kg dry	1.33	111	1.15	97.2	70-130		
Barium	175		mg/kg dry	0.443	111	49.7	113	70-130		
Post Spike (6120841-PS1) **Source: SA55489-05**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	116		mg/kg dry	1.56	130	1.01	88.5	85-115		
Silver	114		mg/kg dry	1.30	130	BRL	87.7	85-115		
Chromium	131		mg/kg dry	0.521	130	19.6	85.7	85-115		
Cadmium	112		mg/kg dry	0.261	130	0.737	85.6	85-115		
Reference (6120841-SRM1)										

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120841 - EPA 200 Series										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Silver	55.0		mg/kg wet	1.25	48.7		113	66.3-133.3		
Selenium	74.8		mg/kg wet	1.50	69.4		108	77.5-122.5		
Lead	60.5		mg/kg wet	0.750	60.3		100	78.4-120.8		
Chromium	66.0		mg/kg wet	0.500	60.3		109	80.5-119.2		
Cadmium	49.1		mg/kg wet	0.250	47.9		103	80.1-119.6		
Arsenic	80.4		mg/kg wet	1.50	75.9		106	76.8-123.2		
Barium	148		mg/kg wet	0.500	137		108	82-118		
Batch 6120846 - EPA200/SW7000 Series										
Blank (6120846-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120846-BS1)										
Prepared & Analyzed: 14-Dec-06										
Mercury	0.00217		mg/l	0.00020	0.00250		86.8	80-120		
Duplicate (6120846-DUP1)	**Source: SA55399-14**									
Prepared & Analyzed: 14-Dec-06										
Mercury	BRL		mg/l	0.00020		0.00009				20
Matrix Spike (6120846-MS1)	**Source: SA55399-15**									
Prepared & Analyzed: 14-Dec-06										
Mercury	0.00219		mg/l	0.00020	0.00250	BRL	87.6	75-125		
Matrix Spike Dup (6120846-MSD1)	**Source: SA55399-15**									
Prepared & Analyzed: 14-Dec-06										
Mercury	0.00220		mg/l	0.00020	0.00250	BRL	88.0	75-125	0.456	20
Post Spike (6120846-PS1)	**Source: SA55399-15**									
Prepared & Analyzed: 14-Dec-06										
Mercury	0.00218		mg/l	0.00020	0.00250	BRL	87.2	75-125		

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121071 - SW846 3010A										
Blank (6121071-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (6121071-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	1.17		mg/l	0.0075	1.25		93.6	72.8-111		
Selenium	1.22		mg/l	0.0150	1.25		97.6	67.3-113		
Cadmium	1.23		mg/l	0.0025	1.25		98.4	71.8-121		
Arsenic	1.12		mg/l	0.0150	1.25		89.6	68.7-111		
Chromium	1.25		mg/l	0.0050	1.25		100	72-119		
Silver	1.10		mg/l	0.0100	1.25		88.0	56.1-118		
Barium	1.26		mg/l	0.0050	1.25		101	77.1-125		
LCS Dup (6121071-BSD1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Lead	1.16		mg/l	0.0075	1.25		92.8	72.8-111	0.858	20
Selenium	1.20		mg/l	0.0150	1.25		96.0	67.3-113	1.65	20
Silver	1.09		mg/l	0.0100	1.25		87.2	56.1-118	0.913	20
Arsenic	1.10		mg/l	0.0150	1.25		88.0	68.7-111	1.80	20
Chromium	1.25		mg/l	0.0050	1.25		100	72-119	0.00	20
Cadmium	1.22		mg/l	0.0025	1.25		97.6	71.8-121	0.816	20
Barium	1.25		mg/l	0.0050	1.25		100	77.1-125	0.797	20
Duplicate (6121071-DUP1) **Source: SA55399-18**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Chromium	0.0046	J,QR1	mg/l	0.0050		0.0034			30.0	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.113		mg/l	0.0050		0.0965			15.8	20
Matrix Spike (6121071-MS1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	1.17		mg/l	0.0150	1.25	BRL	93.6	73-113		
Lead	1.08		mg/l	0.0075	1.25	BRL	86.4	81-107		
Silver	1.10		mg/l	0.0100	1.25	BRL	88.0	63.7-113		
Arsenic	1.11		mg/l	0.0150	1.25	BRL	88.8	76.7-109		
Cadmium	1.16		mg/l	0.0025	1.25	BRL	92.8	81.1-115		
Chromium	1.19		mg/l	0.0050	1.25	0.0078	94.6	83.1-112		
Barium	1.23		mg/l	0.0050	1.25	0.0384	95.3	85.6-121		
Matrix Spike Dup (6121071-MSD1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	1.12		mg/l	0.0150	1.25	BRL	89.6	73-113	4.37	35
Lead	1.04		mg/l	0.0075	1.25	BRL	83.2	81-107	3.77	20
Chromium	1.13		mg/l	0.0050	1.25	0.0078	89.8	83.1-112	5.17	35
Silver	0.990		mg/l	0.0100	1.25	BRL	79.2	63.7-113	10.5	35
Arsenic	1.06		mg/l	0.0150	1.25	BRL	84.8	76.7-109	4.61	35

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121071 - SW846 3010A										
Matrix Spike Dup (6121071-MSD1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Cadmium	1.10		mg/l	0.0025	1.25	BRL	88.0	81.1-115	5.31	35
Barium	1.17		mg/l	0.0050	1.25	0.0384	90.5	85.6-121	5.00	35
Post Spike (6121071-PS1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	80-120		
Lead	1.15		mg/l	0.0075	1.25	BRL	92.0	80-120		
Chromium	1.26		mg/l	0.0050	1.25	0.0078	100	80-120		
Arsenic	1.18		mg/l	0.0150	1.25	BRL	94.4	80-120		
Silver	1.09		mg/l	0.0100	1.25	BRL	87.2	80-120		
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	80-120		
Barium	1.29		mg/l	0.0050	1.25	0.0384	100	80-120		
Batch 6121072 - EPA200/SW7000 Series										
Blank (6121072-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6121072-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	0.00267		mg/l	0.00040	0.00250		107	65.5-119		
Duplicate (6121072-DUP1) **Source: SA55399-18**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (6121072-MS1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	0.00234		mg/l	0.00040	0.00250	BRL	93.6	62.8-125		
Matrix Spike Dup (6121072-MSD1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	0.00210		mg/l	0.00040	0.00250	BRL	84.0	62.8-125	10.8	20
Post Spike (6121072-PS1) **Source: SA55399-19**										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Mercury	0.00211		mg/l	0.00040	0.00250	BRL	84.4	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121048 - General Preparation										
Duplicate (6121048-DUP1) **Source: SA54001-73**										
Prepared & Analyzed: 14-Dec-06										
% Solids	81.1		%			80.1			1.24	20

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
__RE	Reanalysis for data confirmation.
Comp	Completed
E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
FP	Field Preserved
LP	Lab Preserved
PH	Insufficient preservative to reduce the sample pH to less than 2.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM5	The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
SDUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
Z-2	Analyte out of acceptance range in BS and BSD; sample re-analyzed with acceptable batch QC.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor
Nicole Brown

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: Busway Flatbush Station - CT	Busway Flatbush Station - CT/ 171-305
This Form Provides certifications for the following data set: SA55399-01 SA55399-11 SA55399-02 SA55399-12 SA55399-03 SA55399-13 SA55399-04 SA55399-14 SA55399-05 SA55399-15 SA55399-06 SA55399-16 SA55399-07 SA55399-17 SA55399-08 SA55399-18 SA55399-09 SA55399-19 SA55399-10	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 ! VOC
Sample Matrices: Aqueous Soil/Sediment	

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☐ Yes ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☐ Yes ☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☐ Yes ☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 12/18/2006

SA 55399 (R)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-15-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MGI

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER # 1527
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= 10=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260 (8260)	CT ETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals				QA Reporting Notes: (check if needed)
55399-01	470-13 2'-4'	12-8-06		C	SO		3	1				X	X	X	X	X				CTDEP GB PMC + SWPC
-02	470-13 4'-8'																			
-03	470-14 4'-8'																			
-04	470-17 2'-4'																			
-05	470-18 4'-8'																			
-06	470-21 2'-4'																			
-07	470-22 2'-4'																			
-08	470-23 4'-8'																			
-09	470-26 4'-8'																			
-10	470-29 2'-4'																			

QA Reporting Notes:
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other

State specific reporting standards: CTDEP GB PMC + SWPC

☐ Fax results when available to ( )
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ C 0

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/11/06	1013
[signature]	[signature]	12/11/06	18:20

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IN cooler

SS399

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-15-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S River Rd.
Tolland CT 06084
Project Mgr.: David Stock - MGI

Invoice To: CTDOT - DAS Contract
c/o LES
Rush ORDER # 1527
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Blank Water X2= Concrete X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	PCBs - 8082
SS399-11	470-30 4-8'	12-8-06		C	SO		3	1			X	X	X	X	X	
-12	470-31 4-8'	↓		C	SO		3	1			↓	↓	↓	↓	X	
-13	GP-1	↓		G	GW		3	2		1	↓	↓	↓	↓		
-14	GP-2	↓		G	GW		3	2		1	↓	↓	↓	↓		
-15	FB-3	↓			X1		3	2		1	↓	↓	↓	↓		
-16	TB-3	↓			X1		1				↓					
-17	C-470-35	↓		G	X2		3	1			X	X	X	X	X	X
-18	C-470-36	↓		G	X2		3	1			X	X	X	X	X	X
-19	C-470-37	↓		G	X2		3	1			X	X	X	X	X	X

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____

State specific reporting standards: CTDEP GB PMC, RDEC + SWPC + RVCC

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 0

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/11/06	1013
[signature]	[signature]	12/11/06	16:20

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in cooler

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-4 SA55456-14	171-305	Blank Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-4 SA55456-14	171-305	Blank Water	11-Dec-06 00:00	12-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	15-Dec-06	15-Dec-06	6121164	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.8*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
Blank (6121164-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
Blank (6121164-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS (6121164-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.1		µg/l		20.0		110	70-130		
Acetone	24.3		µg/l		20.0		122	29.5-156		
Acrylonitrile	23.8		µg/l		20.0		119	70-130		
Benzene	19.7		µg/l		20.0		98.5	70-130		
Bromobenzene	20.3		µg/l		20.0		102	70-130		
Bromochloromethane	20.5		µg/l		20.0		102	70-130		
Bromodichloromethane	21.8		µg/l		20.0		109	70-130		
Bromoform	18.7		µg/l		20.0		93.5	70-130		
Bromomethane	15.8		µg/l		20.0		79.0	57.7-151		
2-Butanone (MEK)	18.4		µg/l		20.0		92.0	48.9-134		
n-Butylbenzene	24.2		µg/l		20.0		121	70-130		
sec-Butylbenzene	21.4		µg/l		20.0		107	70-130		
tert-Butylbenzene	21.3		µg/l		20.0		106	70-130		
Carbon disulfide	17.9		µg/l		20.0		89.5	70-130		
Carbon tetrachloride	20.3		µg/l		20.0		102	70-130		
Chlorobenzene	21.4		µg/l		20.0		107	70-130		
Chloroethane	21.2		µg/l		20.0		106	56.9-145		
Chloroform	19.5		µg/l		20.0		97.5	70-130		
Chloromethane	23.2		µg/l		20.0		116	70-130		
2-Chlorotoluene	23.0		µg/l		20.0		115	70-130		
4-Chlorotoluene	22.8		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	22.6		µg/l		20.0		113	70-130		
Dibromochloromethane	19.2		µg/l		20.0		96.0	61.5-142		
1,2-Dibromoethane (EDB)	20.2		µg/l		20.0		101	70-130		
Dibromomethane	19.9		µg/l		20.0		99.5	70-130		
1,2-Dichlorobenzene	22.9		µg/l		20.0		114	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
LCS (6121164-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,4-Dichlorobenzene	22.2		µg/l		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	18.3		µg/l		20.0		91.5	36.6-187		
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130		
1,1-Dichloroethene	23.6		µg/l		20.0		118	70-130		
cis-1,2-Dichloroethene	21.7		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95.0	70-130		
1,2-Dichloropropane	21.1		µg/l		20.0		106	70-130		
1,3-Dichloropropane	19.8		µg/l		20.0		99.0	70-130		
2,2-Dichloropropane	19.0		µg/l		20.0		95.0	70-130		
1,1-Dichloropropene	19.0		µg/l		20.0		95.0	70-130		
cis-1,3-Dichloropropene	21.0		µg/l		20.0		105	70-130		
trans-1,3-Dichloropropene	18.3		µg/l		20.0		91.5	70-130		
Ethylbenzene	21.2		µg/l		20.0		106	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		99.5	68.7-142		
2-Hexanone (MBK)	18.4		µg/l		20.0		92.0	56.3-131		
Isopropylbenzene	19.9		µg/l		20.0		99.5	70-130		
4-Isopropyltoluene	23.9		µg/l		20.0		120	70-130		
Methyl tert-butyl ether	19.5		µg/l		20.0		97.5	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99.0	55.2-129		
Methylene chloride	23.0		µg/l		20.0		115	70-130		
Naphthalene	24.5		µg/l		20.0		122	70-130		
n-Propylbenzene	20.8		µg/l		20.0		104	70-130		
Styrene	23.1		µg/l		20.0		116	70-130		
1,1,1,2-Tetrachloroethane	23.5		µg/l		20.0		118	70-130		
1,1,2,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130		
Tetrachloroethene	16.4		µg/l		20.0		82.0	70-130		
Toluene	19.5		µg/l		20.0		97.5	70-130		
1,2,3-Trichlorobenzene	23.7		µg/l		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.0		µg/l		20.0		110	70-130		
1,1,1-Trichloroethane	19.2		µg/l		20.0		96.0	70-130		
1,1,2-Trichloroethane	20.8		µg/l		20.0		104	70-130		
Trichloroethene	19.3		µg/l		20.0		96.5	70-130		
Trichlorofluoromethane (Freon 11)	22.0		µg/l		20.0		110	68-148		
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	70-130		
1,3,5-Trimethylbenzene	22.0		µg/l		20.0		110	70-130		
Vinyl chloride	24.4		µg/l		20.0		122	70-130		
m,p-Xylene	44.3		µg/l		40.0		111	70-130		
o-Xylene	23.2		µg/l		20.0		116	70-130		
Tetrahydrofuran	18.8		µg/l		20.0		94.0	70-130		
Ethyl ether	24.9		µg/l		20.0		124	57.6-132		
Tert-amyl methyl ether	21.1		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	23.2		µg/l		20.0		116	70-130		
Di-isopropyl ether	22.2		µg/l		20.0		111	70-130		
Tert-Butanol / butyl alcohol	150		µg/l		200		75.0	70-130		
1,4-Dioxane	161		µg/l		200		80.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS Dup (6121164-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/l		20.0		108	70-130	1.83	25
Acetone	22.0		µg/l		20.0		110	29.5-156	10.3	50
Acrylonitrile	24.3		µg/l		20.0		122	70-130	2.49	25
Benzene	18.6		µg/l		20.0		93.0	70-130	5.74	25
Bromobenzene	18.0		µg/l		20.0		90.0	70-130	12.5	25
Bromochloromethane	18.2		µg/l		20.0		91.0	70-130	11.4	25
Bromodichloromethane	19.7		µg/l		20.0		98.5	70-130	10.1	25
Bromoform	17.8		µg/l		20.0		89.0	70-130	4.93	25
Bromomethane	14.4		µg/l		20.0		72.0	57.7-151	9.27	50
2-Butanone (MEK)	18.8		µg/l		20.0		94.0	48.9-134	2.15	50
n-Butylbenzene	22.0		µg/l		20.0		110	70-130	9.52	25
sec-Butylbenzene	20.1		µg/l		20.0		100	70-130	6.76	25
tert-Butylbenzene	20.2		µg/l		20.0		101	70-130	4.83	25
Carbon disulfide	17.5		µg/l		20.0		87.5	70-130	2.26	25
Carbon tetrachloride	19.6		µg/l		20.0		98.0	70-130	4.00	25
Chlorobenzene	19.6		µg/l		20.0		98.0	70-130	8.78	25
Chloroethane	21.0		µg/l		20.0		105	56.9-145	0.948	50
Chloroform	18.2		µg/l		20.0		91.0	70-130	6.90	25
Chloromethane	23.2		µg/l		20.0		116	70-130	0.00	25
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130	12.0	25
4-Chlorotoluene	20.5		µg/l		20.0		102	70-130	11.1	25
1,2-Dibromo-3-chloropropane	20.4		µg/l		20.0		102	70-130	10.2	25
Dibromochloromethane	18.0		µg/l		20.0		90.0	61.5-142	6.45	50
1,2-Dibromoethane (EDB)	19.0		µg/l		20.0		95.0	70-130	6.12	25
Dibromomethane	18.0		µg/l		20.0		90.0	70-130	10.0	25
1,2-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130	13.6	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	15.6	25
1,4-Dichlorobenzene	19.8		µg/l		20.0		99.0	70-130	11.4	25
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89.5	36.6-187	2.21	50
1,1-Dichloroethane	18.8		µg/l		20.0		94.0	70-130	6.19	25
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,1-Dichloroethene	22.9		µg/l		20.0		114	70-130	3.45	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	9.71	25
trans-1,2-Dichloroethene	18.5		µg/l		20.0		92.5	70-130	2.67	25
1,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,3-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	7.33	25
2,2-Dichloropropane	18.9		µg/l		20.0		94.5	70-130	0.528	25
1,1-Dichloropropene	18.0		µg/l		20.0		90.0	70-130	5.41	25
cis-1,3-Dichloropropene	19.3		µg/l		20.0		96.5	70-130	8.44	25
trans-1,3-Dichloropropene	17.4		µg/l		20.0		87.0	70-130	5.04	25
Ethylbenzene	19.8		µg/l		20.0		99.0	70-130	6.83	25
Hexachlorobutadiene	16.8		µg/l		20.0		84.0	68.7-142	16.9	50
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131	8.33	25
Isopropylbenzene	19.2		µg/l		20.0		96.0	70-130	3.58	25
4-Isopropyltoluene	22.7		µg/l		20.0		114	70-130	5.13	25
Methyl tert-butyl ether	18.1		µg/l		20.0		90.5	70-130	7.45	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98.0	55.2-129	1.02	50
Methylene chloride	21.0		µg/l		20.0		105	70-130	9.09	25
Naphthalene	19.1		µg/l		20.0		95.5	70-130	24.4	25
n-Propylbenzene	19.6		µg/l		20.0		98.0	70-130	5.94	25
Styrene	20.3		µg/l		20.0		102	70-130	12.8	25
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130	8.85	25
1,1,2,2-Tetrachloroethane	20.4		µg/l		20.0		102	70-130	4.78	25
Tetrachloroethene	16.0		µg/l		20.0		80.0	70-130	2.47	25
Toluene	18.2		µg/l		20.0		91.0	70-130	6.90	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121164 - SW846 5030 Water MS										
LCS Dup (6121164-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,2,3-Trichlorobenzene	17.9	QR2	µg/l		20.0		89.5	70-130	27.5	25
1,2,4-Trichlorobenzene	17.6		µg/l		20.0		88.0	70-130	22.2	25
1,1,1-Trichloroethane	18.6		µg/l		20.0		93.0	70-130	3.17	25
1,1,2-Trichloroethane	19.0		µg/l		20.0		95.0	70-130	9.05	25
Trichloroethene	18.4		µg/l		20.0		92.0	70-130	4.77	25
Trichlorofluoromethane (Freon 11)	20.9		µg/l		20.0		104	68-148	5.61	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	0.881	25
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130	11.0	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	7.55	25
Vinyl chloride	23.3		µg/l		20.0		116	70-130	5.04	25
m,p-Xylene	40.9		µg/l		40.0		102	70-130	8.45	25
o-Xylene	21.2		µg/l		20.0		106	70-130	9.01	25
Tetrahydrofuran	19.6		µg/l		20.0		98.0	70-130	4.17	25
Ethyl ether	23.9		µg/l		20.0		120	57.6-132	3.28	50
Tert-amyl methyl ether	18.4		µg/l		20.0		92.0	70-130	14.1	25
Ethyl tert-butyl ether	21.3		µg/l		20.0		106	70-130	9.01	25
Di-isopropyl ether	19.9		µg/l		20.0		99.5	70-130	10.9	25
Tert-Butanol / butyl alcohol	175		µg/l		200		87.5	70-130	15.4	25
1,4-Dioxane	152		µg/l		200		76.0	45.2-132	5.75	25
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/l		*50.0*		*94.6*	*70-130*		
Matrix Spike (6121164-MS1)	**Source: SA55027-04**									
Prepared & Analyzed: 15-Dec-06										
Benzene	15.2		µg/l		20.0	BRL	76.0	70-130		
Chlorobenzene	18.0		µg/l		20.0	BRL	90.0	70-130		
1,1-Dichloroethene	15.4		µg/l		20.0	BRL	77.0	70-130		
Toluene	15.4		µg/l		20.0	0.560	74.2	70-130		
Trichloroethene	14.7		µg/l		20.0	BRL	73.5	70-130		
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Dibromofluoromethane	*47.8*		µg/l		*50.0*		*95.6*	*70-130*		
Matrix Spike Dup (6121164-MSD1)	**Source: SA55027-04**									
Prepared & Analyzed: 15-Dec-06										
Benzene	15.3		µg/l		20.0	BRL	76.5	70-130	0.656	30
Chlorobenzene	17.8		µg/l		20.0	BRL	89.0	70-130	1.12	30
1,1-Dichloroethene	16.8		µg/l		20.0	BRL	84.0	70-130	8.70	30
Toluene	15.5		µg/l		20.0	0.560	74.7	70-130	0.672	30
Trichloroethene	15.1		µg/l		20.0	BRL	75.5	70-130	2.68	30
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*47.1*		µg/l		*50.0*		*94.2*	*70-130*		
Batch 6121226 - SW846 5030 Water MS										
Blank (6121226-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121226 - SW846 5030 Water MS										
Blank (6121226-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121226 - SW846 5030 Water MS										
Blank (6121226-BLK1)										
Prepared & Analyzed: 15-Dec-06										
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Dibromofluoromethane	*47.5*		µg/l		*50.0*		*95.0*	*70-130*		
LCS (6121226-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/l		20.0		93.0	70-130		
Acetone	23.8		µg/l		20.0		119	29.5-156		
Acrylonitrile	24.2		µg/l		20.0		121	70-130		
Benzene	18.3		µg/l		20.0		91.5	70-130		
Bromobenzene	19.3		µg/l		20.0		96.5	70-130		
Bromochloromethane	19.1		µg/l		20.0		95.5	70-130		
Bromodichloromethane	20.1		µg/l		20.0		100	70-130		
Bromoform	18.0		µg/l		20.0		90.0	70-130		
Bromomethane	14.4		µg/l		20.0		72.0	57.7-151		
2-Butanone (MEK)	19.4		µg/l		20.0		97.0	48.9-134		
n-Butylbenzene	21.5		µg/l		20.0		108	70-130		
sec-Butylbenzene	19.1		µg/l		20.0		95.5	70-130		
tert-Butylbenzene	19.2		µg/l		20.0		96.0	70-130		
Carbon disulfide	15.7		µg/l		20.0		78.5	70-130		
Carbon tetrachloride	17.8		µg/l		20.0		89.0	70-130		
Chlorobenzene	19.8		µg/l		20.0		99.0	70-130		
Chloroethane	19.3		µg/l		20.0		96.5	56.9-145		
Chloroform	18.2		µg/l		20.0		91.0	70-130		
Chloromethane	20.2		µg/l		20.0		101	70-130		
2-Chlorotoluene	21.1		µg/l		20.0		106	70-130		
4-Chlorotoluene	21.1		µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	22.8		µg/l		20.0		114	70-130		
Dibromochloromethane	18.7		µg/l		20.0		93.5	61.5-142		
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98.0	70-130		
Dibromomethane	19.4		µg/l		20.0		97.0	70-130		
1,2-Dichlorobenzene	21.7		µg/l		20.0		108	70-130		
1,3-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130		
1,4-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	14.7		µg/l		20.0		73.5	36.6-187		
1,1-Dichloroethane	18.2		µg/l		20.0		91.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121226 - SW846 5030 Water MS										
LCS (6121226-BS1)										
Prepared & Analyzed: 15-Dec-06										
1,2-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		
1,1-Dichloroethene	21.1		µg/l		20.0		106	70-130		
cis-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130		
trans-1,2-Dichloroethene	17.6		µg/l		20.0		88.0	70-130		
1,2-Dichloropropane	19.7		µg/l		20.0		98.5	70-130		
1,3-Dichloropropane	19.1		µg/l		20.0		95.5	70-130		
2,2-Dichloropropane	16.4		µg/l		20.0		82.0	70-130		
1,1-Dichloropropene	16.6		µg/l		20.0		83.0	70-130		
cis-1,3-Dichloropropene	19.3		µg/l		20.0		96.5	70-130		
trans-1,3-Dichloropropene	17.2		µg/l		20.0		86.0	70-130		
Ethylbenzene	19.2		µg/l		20.0		96.0	70-130		
Hexachlorobutadiene	18.3		µg/l		20.0		91.5	68.7-142		
2-Hexanone (MBK)	19.8		µg/l		20.0		99.0	56.3-131		
Isopropylbenzene	18.5		µg/l		20.0		92.5	70-130		
4-Isopropyltoluene	22.1		µg/l		20.0		110	70-130		
Methyl tert-butyl ether	19.0		µg/l		20.0		95.0	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98.0	55.2-129		
Methylene chloride	21.5		µg/l		20.0		108	70-130		
Naphthalene	25.3		µg/l		20.0		126	70-130		
n-Propylbenzene	18.9		µg/l		20.0		94.5	70-130		
Styrene	21.4		µg/l		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/l		20.0		105	70-130		
Tetrachloroethene	14.8		µg/l		20.0		74.0	70-130		
Toluene	17.5		µg/l		20.0		87.5	70-130		
1,2,3-Trichlorobenzene	23.2		µg/l		20.0		116	70-130		
1,2,4-Trichlorobenzene	21.5		µg/l		20.0		108	70-130		
1,1,1-Trichloroethane	16.9		µg/l		20.0		84.5	70-130		
1,1,2-Trichloroethane	20.3		µg/l		20.0		102	70-130		
Trichloroethene	17.6		µg/l		20.0		88.0	70-130		
Trichlorofluoromethane (Freon 11)	19.1		µg/l		20.0		95.5	68-148		
1,2,3-Trichloropropane	22.5		µg/l		20.0		112	70-130		
1,2,4-Trimethylbenzene	20.8		µg/l		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		99.5	70-130		
Vinyl chloride	23.0		µg/l		20.0		115	70-130		
m,p-Xylene	40.0		µg/l		40.0		100	70-130		
o-Xylene	21.1		µg/l		20.0		106	70-130		
Tetrahydrofuran	19.2		µg/l		20.0		96.0	70-130		
Ethyl ether	24.6		µg/l		20.0		123	57.6-132		
Tert-amyl methyl ether	19.8		µg/l		20.0		99.0	70-130		
Ethyl tert-butyl ether	22.1		µg/l		20.0		110	70-130		
Di-isopropyl ether	20.9		µg/l		20.0		104	70-130		
Tert-Butanol / butyl alcohol	157		µg/l		200		78.5	70-130		
1,4-Dioxane	158		µg/l		200		79.0	45.2-132		
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/l		*50.0*		*97.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*47.7*		µg/l		*50.0*		*95.4*	*70-130*		
LCS Dup (6121226-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.0		µg/l		20.0		110	70-130	16.7	25
Acetone	23.8		µg/l		20.0		119	29.5-156	0.00	50
Acrylonitrile	24.7		µg/l		20.0		124	70-130	2.45	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121226 - SW846 5030 Water MS										
LCS Dup (6121226-BSD1)										
Prepared & Analyzed: 15-Dec-06										
Benzene	18.9		µg/l		20.0		94.5	70-130	3.23	25
Bromobenzene	18.7		µg/l		20.0		93.5	70-130	3.16	25
Bromochloromethane	18.2		µg/l		20.0		91.0	70-130	4.83	25
Bromodichloromethane	19.3		µg/l		20.0		96.5	70-130	3.56	25
Bromoform	17.7		µg/l		20.0		88.5	70-130	1.68	25
Bromomethane	15.6		µg/l		20.0		78.0	57.7-151	8.00	50
2-Butanone (MEK)	19.1		µg/l		20.0		95.5	48.9-134	1.56	50
n-Butylbenzene	23.4		µg/l		20.0		117	70-130	8.00	25
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130	12.3	25
tert-Butylbenzene	21.5		µg/l		20.0		108	70-130	11.8	25
Carbon disulfide	18.0		µg/l		20.0		90.0	70-130	13.6	25
Carbon tetrachloride	20.2		µg/l		20.0		101	70-130	12.6	25
Chlorobenzene	19.9		µg/l		20.0		99.5	70-130	0.504	25
Chloroethane	21.5		µg/l		20.0		108	56.9-145	11.2	50
Chloroform	18.1		µg/l		20.0		90.5	70-130	0.551	25
Chloromethane	23.6		µg/l		20.0		118	70-130	15.5	25
2-Chlorotoluene	21.2		µg/l		20.0		106	70-130	0.00	25
4-Chlorotoluene	21.1		µg/l		20.0		106	70-130	0.00	25
1,2-Dibromo-3-chloropropane	21.2		µg/l		20.0		106	70-130	7.27	25
Dibromochloromethane	18.3		µg/l		20.0		91.5	61.5-142	2.16	50
1,2-Dibromoethane (EDB)	18.7		µg/l		20.0		93.5	70-130	4.70	25
Dibromomethane	18.3		µg/l		20.0		91.5	70-130	5.84	25
1,2-Dichlorobenzene	21.2		µg/l		20.0		106	70-130	1.87	25
1,3-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130	0.00	25
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	70-130	1.94	25
Dichlorodifluoromethane (Freon12)	18.4		µg/l		20.0		92.0	36.6-187	22.4	50
1,1-Dichloroethane	18.8		µg/l		20.0		94.0	70-130	3.24	25
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	3.08	25
1,1-Dichloroethene	23.2		µg/l		20.0		116	70-130	9.01	25
cis-1,2-Dichloroethene	20.3		µg/l		20.0		102	70-130	0.985	25
trans-1,2-Dichloroethene	18.7		µg/l		20.0		93.5	70-130	6.06	25
1,2-Dichloropropane	19.6		µg/l		20.0		98.0	70-130	0.509	25
1,3-Dichloropropane	18.3		µg/l		20.0		91.5	70-130	4.28	25
2,2-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	11.5	25
1,1-Dichloropropene	18.5		µg/l		20.0		92.5	70-130	10.8	25
cis-1,3-Dichloropropene	19.2		µg/l		20.0		96.0	70-130	0.519	25
trans-1,3-Dichloropropene	17.5		µg/l		20.0		87.5	70-130	1.73	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	7.04	25
Hexachlorobutadiene	17.9		µg/l		20.0		89.5	68.7-142	2.21	50
2-Hexanone (MBK)	20.1		µg/l		20.0		100	56.3-131	1.01	25
Isopropylbenzene	20.0		µg/l		20.0		100	70-130	7.79	25
4-Isopropyltoluene	24.1		µg/l		20.0		120	70-130	8.70	25
Methyl tert-butyl ether	18.3		µg/l		20.0		91.5	70-130	3.75	25
4-Methyl-2-pentanone (MIBK)	19.9		µg/l		20.0		99.5	55.2-129	1.52	50
Methylene chloride	21.0		µg/l		20.0		105	70-130	2.62	25
Naphthalene	20.6		µg/l		20.0		103	70-130	20.1	25
n-Propylbenzene	20.7		µg/l		20.0		104	70-130	9.57	25
Styrene	21.2		µg/l		20.0		106	70-130	0.939	25
1,1,1,2-Tetrachloroethane	21.1		µg/l		20.0		106	70-130	0.939	25
1,1,2,2-Tetrachloroethane	20.5		µg/l		20.0		102	70-130	2.90	25
Tetrachloroethene	16.6		µg/l		20.0		83.0	70-130	11.5	25
Toluene	18.6		µg/l		20.0		93.0	70-130	6.09	25
1,2,3-Trichlorobenzene	19.0		µg/l		20.0		95.0	70-130	19.9	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121226 - SW846 5030 Water MS										
LCS Dup (6121226-BSD1)										
Prepared & Analyzed: 15-Dec-06										
1,2,4-Trichlorobenzene	18.4		µg/l		20.0		92.0	70-130	16.0	25
1,1,1-Trichloroethane	19.2		µg/l		20.0		96.0	70-130	12.7	25
1,1,2-Trichloroethane	19.2		µg/l		20.0		96.0	70-130	6.06	25
Trichloroethene	19.0		µg/l		20.0		95.0	70-130	7.65	25
Trichlorofluoromethane (Freon 11)	21.5		µg/l		20.0		108	68-148	12.3	50
1,2,3-Trichloropropane	23.4		µg/l		20.0		117	70-130	4.37	25
1,2,4-Trimethylbenzene	21.5		µg/l		20.0		108	70-130	3.77	25
1,3,5-Trimethylbenzene	21.1		µg/l		20.0		106	70-130	6.33	25
Vinyl chloride	25.3		µg/l		20.0		126	70-130	9.13	25
m,p-Xylene	42.8		µg/l		40.0		107	70-130	6.76	25
o-Xylene	21.8		µg/l		20.0		109	70-130	2.79	25
Tetrahydrofuran	19.7		µg/l		20.0		98.5	70-130	2.57	25
Ethyl ether	24.3		µg/l		20.0		122	57.6-132	0.816	50
Tert-amyl methyl ether	18.4		µg/l		20.0		92.0	70-130	7.33	25
Ethyl tert-butyl ether	21.6		µg/l		20.0		108	70-130	1.83	25
Di-isopropyl ether	20.5		µg/l		20.0		102	70-130	1.94	25
Tert-Butanol / butyl alcohol	174		µg/l		200		87.0	70-130	10.3	25
1,4-Dioxane	191		µg/l		200		95.5	45.2-132	18.9	25
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Matrix Spike (6121226-MS1)	**Source: SA55133-01**									
Prepared & Analyzed: 15-Dec-06										
Benzene	15.3		µg/l		20.0	BRL	76.5	70-130		
Chlorobenzene	18.0		µg/l		20.0	BRL	90.0	70-130		
1,1-Dichloroethene	16.3		µg/l		20.0	BRL	81.5	70-130		
Toluene	15.6		µg/l		20.0	0.124	77.4	70-130		
Trichloroethene	16.2		µg/l		20.0	0.844	76.8	70-130		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*46.7*		µg/l		*50.0*		*93.4*	*70-130*		
Matrix Spike Dup (6121226-MSD1)	**Source: SA55133-01**									
Prepared & Analyzed: 15-Dec-06										
Benzene	15.1		µg/l		20.0	BRL	75.5	70-130	1.32	30
Chlorobenzene	18.0		µg/l		20.0	BRL	90.0	70-130	0.00	30
1,1-Dichloroethene	15.2		µg/l		20.0	BRL	76.0	70-130	6.98	30
Toluene	15.2		µg/l		20.0	0.124	75.4	70-130	2.62	30
Trichloroethene	15.4		µg/l		20.0	0.844	72.8	70-130	5.35	30
Surrogate: 4-Bromofluorobenzene	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*47.0*		µg/l		*50.0*		*94.0*	*70-130*		
Batch 6121291 - SW846 5030 Water MS										
Blank (6121291-BLK1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
Blank (6121291-BLK1)										
Prepared & Analyzed: 17-Dec-06										
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
Blank (6121291-BLK1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*47.7*		µg/l		*50.0*		*95.4*	*70-130*		
LCS (6121291-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.5		µg/l		20.0		122	70-130		
Acetone	26.0		µg/l		20.0		130	29.5-156		
Acrylonitrile	24.7		µg/l		20.0		124	70-130		
Benzene	20.3		µg/l		20.0		102	70-130		
Bromobenzene	20.0		µg/l		20.0		100	70-130		
Bromochloromethane	20.2		µg/l		20.0		101	70-130		
Bromodichloromethane	22.0		µg/l		20.0		110	70-130		
Bromoform	21.5		µg/l		20.0		108	70-130		
Bromomethane	18.9		µg/l		20.0		94.5	57.7-151		
2-Butanone (MEK)	19.1		µg/l		20.0		95.5	48.9-134		
n-Butylbenzene	26.0		µg/l		20.0		130	70-130		
sec-Butylbenzene	22.1		µg/l		20.0		110	70-130		
tert-Butylbenzene	22.2		µg/l		20.0		111	70-130		
Carbon disulfide	19.1		µg/l		20.0		95.5	70-130		
Carbon tetrachloride	23.5		µg/l		20.0		118	70-130		
Chlorobenzene	21.8		µg/l		20.0		109	70-130		
Chloroethane	22.8		µg/l		20.0		114	56.9-145		
Chloroform	19.9		µg/l		20.0		99.5	70-130		
Chloromethane	24.3		µg/l		20.0		122	70-130		
2-Chlorotoluene	22.6		µg/l		20.0		113	70-130		
4-Chlorotoluene	22.9		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	25.6		µg/l		20.0		128	70-130		
Dibromochloromethane	20.4		µg/l		20.0		102	61.5-142		
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130		
Dibromomethane	19.7		µg/l		20.0		98.5	70-130		
1,2-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,4-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		
Dichlorodifluoromethane (Freon12)	20.4		µg/l		20.0		102	36.6-187		
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
LCS (6121291-BS1)										
Prepared & Analyzed: 17-Dec-06										
1,1-Dichloroethene	24.4		µg/l		20.0		122	70-130		
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	70-130		
1,2-Dichloropropane	20.9		µg/l		20.0		104	70-130		
1,3-Dichloropropane	20.1		µg/l		20.0		100	70-130		
2,2-Dichloropropane	24.1		µg/l		20.0		120	70-130		
1,1-Dichloropropene	19.8		µg/l		20.0		99.0	70-130		
cis-1,3-Dichloropropene	23.1		µg/l		20.0		116	70-130		
trans-1,3-Dichloropropene	20.9		µg/l		20.0		104	70-130		
Ethylbenzene	22.0		µg/l		20.0		110	70-130		
Hexachlorobutadiene	21.6		µg/l		20.0		108	68.7-142		
2-Hexanone (MBK)	20.0		µg/l		20.0		100	56.3-131		
Isopropylbenzene	21.0		µg/l		20.0		105	70-130		
4-Isopropyltoluene	25.6		µg/l		20.0		128	70-130		
Methyl tert-butyl ether	19.8		µg/l		20.0		99.0	70-130		
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	55.2-129		
Methylene chloride	23.0		µg/l		20.0		115	70-130		
Naphthalene	25.8		µg/l		20.0		129	70-130		
n-Propylbenzene	21.8		µg/l		20.0		109	70-130		
Styrene	23.4		µg/l		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	25.5		µg/l		20.0		128	70-130		
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130		
Tetrachloroethene	16.9		µg/l		20.0		84.5	70-130		
Toluene	19.7		µg/l		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	24.5		µg/l		20.0		122	70-130		
1,2,4-Trichlorobenzene	23.2		µg/l		20.0		116	70-130		
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	20.7		µg/l		20.0		104	70-130		
Trichloroethene	19.4		µg/l		20.0		97.0	70-130		
Trichlorofluoromethane (Freon 11)	24.0		µg/l		20.0		120	68-148		
1,2,3-Trichloropropane	25.1		µg/l		20.0		126	70-130		
1,2,4-Trimethylbenzene	23.1		µg/l		20.0		116	70-130		
1,3,5-Trimethylbenzene	22.3		µg/l		20.0		112	70-130		
Vinyl chloride	25.9		µg/l		20.0		130	70-130		
m,p-Xylene	44.4		µg/l		40.0		111	70-130		
o-Xylene	23.6		µg/l		20.0		118	70-130		
Tetrahydrofuran	20.0		µg/l		20.0		100	70-130		
Ethyl ether	25.9		µg/l		20.0		130	57.6-132		
Tert-amyl methyl ether	20.4		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	23.9		µg/l		20.0		120	70-130		
Di-isopropyl ether	22.5		µg/l		20.0		112	70-130		
Tert-Butanol / butyl alcohol	159		µg/l		200		79.5	70-130		
1,4-Dioxane	177		µg/l		200		88.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/l		*50.0*		*94.6*	*70-130*		
LCS Dup (6121291-BSD1)										
Prepared & Analyzed: 17-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/l		20.0		115	70-130	5.91	25
Acetone	22.6		µg/l		20.0		113	29.5-156	14.0	50
Acrylonitrile	25.6		µg/l		20.0		128	70-130	3.17	25
Benzene	19.0		µg/l		20.0		95.0	70-130	7.11	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
LCS Dup (6121291-BSD1)										
Prepared & Analyzed: 17-Dec-06										
Bromobenzene	17.8		µg/l		20.0		89.0	70-130	11.6	25
Bromochloromethane	18.6		µg/l		20.0		93.0	70-130	8.25	25
Bromodichloromethane	20.0		µg/l		20.0		100	70-130	9.52	25
Bromoform	19.2		µg/l		20.0		96.0	70-130	11.8	25
Bromomethane	15.7		µg/l		20.0		78.5	57.7-151	18.5	50
2-Butanone (MEK)	19.6		µg/l		20.0		98.0	48.9-134	2.58	50
n-Butylbenzene	23.8		µg/l		20.0		119	70-130	8.84	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	5.61	25
tert-Butylbenzene	20.6		µg/l		20.0		103	70-130	7.48	25
Carbon disulfide	18.7		µg/l		20.0		93.5	70-130	2.12	25
Carbon tetrachloride	22.7		µg/l		20.0		114	70-130	3.45	25
Chlorobenzene	19.3		µg/l		20.0		96.5	70-130	12.2	25
Chloroethane	21.9		µg/l		20.0		110	56.9-145	3.57	50
Chloroform	18.4		µg/l		20.0		92.0	70-130	7.83	25
Chloromethane	23.6		µg/l		20.0		118	70-130	3.33	25
2-Chlorotoluene	20.0		µg/l		20.0		100	70-130	12.2	25
4-Chlorotoluene	20.6		µg/l		20.0		103	70-130	10.1	25
1,2-Dibromo-3-chloropropane	22.4		µg/l		20.0		112	70-130	13.3	25
Dibromochloromethane	18.7		µg/l		20.0		93.5	61.5-142	8.70	50
1,2-Dibromoethane (EDB)	18.9		µg/l		20.0		94.5	70-130	9.57	25
Dibromomethane	18.4		µg/l		20.0		92.0	70-130	6.82	25
1,2-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130	15.3	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	15.6	25
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	14.8	25
Dichlorodifluoromethane (Freon12)	19.6		µg/l		20.0		98.0	36.6-187	4.00	50
1,1-Dichloroethane	19.1		µg/l		20.0		95.5	70-130	5.60	25
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	70-130	9.90	25
1,1-Dichloroethene	23.9		µg/l		20.0		120	70-130	1.65	25
cis-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	70-130	6.83	25
trans-1,2-Dichloroethene	18.7		µg/l		20.0		93.5	70-130	5.71	25
1,2-Dichloropropane	19.8		µg/l		20.0		99.0	70-130	4.93	25
1,3-Dichloropropane	18.7		µg/l		20.0		93.5	70-130	6.72	25
2,2-Dichloropropane	23.8		µg/l		20.0		119	70-130	0.837	25
1,1-Dichloropropene	18.9		µg/l		20.0		94.5	70-130	4.65	25
cis-1,3-Dichloropropene	20.8		µg/l		20.0		104	70-130	10.9	25
trans-1,3-Dichloropropene	19.1		µg/l		20.0		95.5	70-130	8.52	25
Ethylbenzene	20.1		µg/l		20.0		100	70-130	9.52	25
Hexachlorobutadiene	18.6		µg/l		20.0		93.0	68.7-142	14.9	50
2-Hexanone (MBK)	19.9		µg/l		20.0		99.5	56.3-131	0.501	25
Isopropylbenzene	19.6		µg/l		20.0		98.0	70-130	6.90	25
4-Isopropyltoluene	23.4		µg/l		20.0		117	70-130	8.98	25
Methyl tert-butyl ether	18.2		µg/l		20.0		91.0	70-130	8.42	25
4-Methyl-2-pentanone (MIBK)	20.6		µg/l		20.0		103	55.2-129	0.00	50
Methylene chloride	21.2		µg/l		20.0		106	70-130	8.14	25
Naphthalene	19.6	QR2	µg/l		20.0		98.0	70-130	27.3	25
n-Propylbenzene	19.9		µg/l		20.0		99.5	70-130	9.11	25
Styrene	20.7		µg/l		20.0		104	70-130	11.8	25
1,1,1,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	14.2	25
1,1,2,2-Tetrachloroethane	20.4		µg/l		20.0		102	70-130	8.45	25
Tetrachloroethene	16.7		µg/l		20.0		83.5	70-130	1.19	25
Toluene	18.4		µg/l		20.0		92.0	70-130	6.82	25
1,2,3-Trichlorobenzene	17.8	QR2	µg/l		20.0		89.0	70-130	31.3	25
1,2,4-Trichlorobenzene	17.8	QR2	µg/l		20.0		89.0	70-130	26.3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121291 - SW846 5030 Water MS										
LCS Dup (6121291-BSD1)										
Prepared & Analyzed: 17-Dec-06										
1,1,1-Trichloroethane	20.1		µg/l		20.0		100	70-130	3.92	25
1,1,2-Trichloroethane	20.0		µg/l		20.0		100	70-130	3.92	25
Trichloroethene	18.9		µg/l		20.0		94.5	70-130	2.61	25
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	68-148	6.90	50
1,2,3-Trichloropropane	23.4		µg/l		20.0		117	70-130	7.41	25
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130	12.8	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	9.35	25
Vinyl chloride	23.3		µg/l		20.0		116	70-130	11.4	25
m,p-Xylene	41.0		µg/l		40.0		102	70-130	8.45	25
o-Xylene	21.2		µg/l		20.0		106	70-130	10.7	25
Tetrahydrofuran	20.5		µg/l		20.0		102	70-130	1.98	25
Ethyl ether	24.4		µg/l		20.0		122	57.6-132	6.35	50
Tert-amyl methyl ether	18.7		µg/l		20.0		93.5	70-130	8.70	25
Ethyl tert-butyl ether	21.9		µg/l		20.0		110	70-130	8.70	25
Di-isopropyl ether	20.8		µg/l		20.0		104	70-130	7.41	25
Tert-Butanol / butyl alcohol	174		µg/l		200		87.0	70-130	9.01	25
1,4-Dioxane	186		µg/l		200		93.0	45.2-132	4.96	25
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/l		*50.0*		*97.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Matrix Spike (6121291-MS1) **Source: SA55133-05RE1**										
Prepared & Analyzed: 17-Dec-06										
Benzene	13.3	QM7	µg/l		20.0	BRL	66.5	70-130		
Chlorobenzene	17.2		µg/l		20.0	BRL	86.0	70-130		
1,1-Dichloroethene	12.4	QM7	µg/l		20.0	BRL	62.0	70-130		
Toluene	14.0		µg/l		20.0	BRL	70.0	70-130		
Trichloroethene	13.3	QM7	µg/l		20.0	BRL	66.5	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Matrix Spike Dup (6121291-MSD1) **Source: SA55133-05RE1**										
Prepared & Analyzed: 17-Dec-06										
Benzene	12.8	QM7	µg/l		20.0	BRL	64.0	70-130	3.83	30
Chlorobenzene	16.3		µg/l		20.0	BRL	81.5	70-130	5.37	30
1,1-Dichloroethene	11.7	QM7	µg/l		20.0	BRL	58.5	70-130	5.81	30
Toluene	13.5	QM7	µg/l		20.0	BRL	67.5	70-130	3.64	30
Trichloroethene	12.7	QM7	µg/l		20.0	BRL	63.5	70-130	4.62	30
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/l		*50.0*		*97.6*	*70-130*		
Surrogate: Dibromofluoromethane	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Batch 6121315 - SW846 5030 Water MS										
Blank (6121315-BLK1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121315 - SW846 5030 Water MS										
Blank (6121315-BLK1)										
Prepared & Analyzed: 18-Dec-06										
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121315 - SW846 5030 Water MS										
Blank (6121315-BLK1)										
Prepared & Analyzed: 18-Dec-06										
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/l		*30.0*		*99.3*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/l		*30.0*		*103*	*70-130*		
LCS (6121315-BS1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.9		µg/l		20.0		114	70-130		
Acetone	17.0		µg/l		20.0		85.0	29.5-156		
Acrylonitrile	16.9		µg/l		20.0		84.5	70-130		
Benzene	21.2		µg/l		20.0		106	70-130		
Bromobenzene	22.9		µg/l		20.0		114	70-130		
Bromochloromethane	20.2		µg/l		20.0		101	70-130		
Bromodichloromethane	21.6		µg/l		20.0		108	70-130		
Bromoform	22.8		µg/l		20.0		114	70-130		
Bromomethane	16.7		µg/l		20.0		83.5	57.7-151		
2-Butanone (MEK)	17.1		µg/l		20.0		85.5	48.9-134		
n-Butylbenzene	21.5		µg/l		20.0		108	70-130		
sec-Butylbenzene	23.8		µg/l		20.0		119	70-130		
tert-Butylbenzene	23.9		µg/l		20.0		120	70-130		
Carbon disulfide	20.0		µg/l		20.0		100	70-130		
Carbon tetrachloride	23.2		µg/l		20.0		116	70-130		
Chlorobenzene	21.6		µg/l		20.0		108	70-130		
Chloroethane	19.0		µg/l		20.0		95.0	56.9-145		
Chloroform	20.4		µg/l		20.0		102	70-130		
Chloromethane	18.6		µg/l		20.0		93.0	70-130		
2-Chlorotoluene	22.2		µg/l		20.0		111	70-130		
4-Chlorotoluene	22.9		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	18.4		µg/l		20.0		92.0	70-130		
Dibromochloromethane	22.2		µg/l		20.0		111	61.5-142		
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99.0	70-130		
Dibromomethane	19.7		µg/l		20.0		98.5	70-130		
1,2-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,3-Dichlorobenzene	24.1		µg/l		20.0		120	70-130		
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	21.4		µg/l		20.0		107	36.6-187		
1,1-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		
1,2-Dichloroethane	20.2		µg/l		20.0		101	70-130		
1,1-Dichloroethene	20.5		µg/l		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121315 - SW846 5030 Water MS										
LCS (6121315-BS1)										
Prepared & Analyzed: 18-Dec-06										
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130		
trans-1,2-Dichloroethene	20.6		µg/l		20.0		103	70-130		
1,2-Dichloropropane	19.9		µg/l		20.0		99.5	70-130		
1,3-Dichloropropane	19.3		µg/l		20.0		96.5	70-130		
2,2-Dichloropropane	25.6		µg/l		20.0		128	70-130		
1,1-Dichloropropene	21.7		µg/l		20.0		108	70-130		
cis-1,3-Dichloropropene	22.7		µg/l		20.0		114	70-130		
trans-1,3-Dichloropropene	20.5		µg/l		20.0		102	70-130		
Ethylbenzene	22.3		µg/l		20.0		112	70-130		
Hexachlorobutadiene	22.7		µg/l		20.0		114	68.7-142		
2-Hexanone (MBK)	19.3		µg/l		20.0		96.5	56.3-131		
Isopropylbenzene	21.8		µg/l		20.0		109	70-130		
4-Isopropyltoluene	21.8		µg/l		20.0		109	70-130		
Methyl tert-butyl ether	18.9		µg/l		20.0		94.5	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/l		20.0		92.0	55.2-129		
Methylene chloride	18.6		µg/l		20.0		93.0	70-130		
Naphthalene	20.6		µg/l		20.0		103	70-130		
n-Propylbenzene	22.7		µg/l		20.0		114	70-130		
Styrene	24.2		µg/l		20.0		121	70-130		
1,1,1,2-Tetrachloroethane	23.4		µg/l		20.0		117	70-130		
1,1,2,2-Tetrachloroethane	22.9		µg/l		20.0		114	70-130		
Tetrachloroethene	22.0		µg/l		20.0		110	70-130		
Toluene	20.4		µg/l		20.0		102	70-130		
1,2,3-Trichlorobenzene	21.8		µg/l		20.0		109	70-130		
1,2,4-Trichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,1,1-Trichloroethane	22.5		µg/l		20.0		112	70-130		
1,1,2-Trichloroethane	19.8		µg/l		20.0		99.0	70-130		
Trichloroethene	19.3		µg/l		20.0		96.5	70-130		
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	68-148		
1,2,3-Trichloropropane	21.7		µg/l		20.0		108	70-130		
1,2,4-Trimethylbenzene	24.3		µg/l		20.0		122	70-130		
1,3,5-Trimethylbenzene	23.7		µg/l		20.0		118	70-130		
Vinyl chloride	23.8		µg/l		20.0		119	70-130		
m,p-Xylene	45.5		µg/l		40.0		114	70-130		
o-Xylene	23.5		µg/l		20.0		118	70-130		
Tetrahydrofuran	17.5		µg/l		20.0		87.5	70-130		
Ethyl ether	17.8		µg/l		20.0		89.0	57.6-132		
Tert-amyl methyl ether	18.0		µg/l		20.0		90.0	70-130		
Ethyl tert-butyl ether	19.5		µg/l		20.0		97.5	70-130		
Di-isopropyl ether	17.6		µg/l		20.0		88.0	70-130		
Tert-Butanol / butyl alcohol	172		µg/l		200		86.0	70-130		
1,4-Dioxane	176		µg/l		200		88.0	45.2-132		
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/l		*30.0*		*97.3*	*70-130*		
Surrogate: Dibromofluoromethane	*30.7*		µg/l		*30.0*		*102*	*70-130*		
LCS Dup (6121315-BSD1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.9		µg/l		20.0		124	70-130	8.40	25
Acetone	17.9		µg/l		20.0		89.5	29.5-156	5.16	50
Acrylonitrile	18.2		µg/l		20.0		91.0	70-130	7.41	25
Benzene	22.5		µg/l		20.0		112	70-130	5.50	25
Bromobenzene	23.4		µg/l		20.0		117	70-130	2.60	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121315 - SW846 5030 Water MS										
LCS Dup (6121315-BSD1)										
Prepared & Analyzed: 18-Dec-06										
Bromochloromethane	21.3		µg/l		20.0		106	70-130	4.83	25
Bromodichloromethane	22.7		µg/l		20.0		114	70-130	5.41	25
Bromoform	23.0		µg/l		20.0		115	70-130	0.873	25
Bromomethane	16.9		µg/l		20.0		84.5	57.7-151	1.19	50
2-Butanone (MEK)	18.2		µg/l		20.0		91.0	48.9-134	6.23	50
n-Butylbenzene	22.2		µg/l		20.0		111	70-130	2.74	25
sec-Butylbenzene	24.4		µg/l		20.0		122	70-130	2.49	25
tert-Butylbenzene	24.7		µg/l		20.0		124	70-130	3.28	25
Carbon disulfide	21.6		µg/l		20.0		108	70-130	7.69	25
Carbon tetrachloride	24.6		µg/l		20.0		123	70-130	5.86	25
Chlorobenzene	22.5		µg/l		20.0		112	70-130	3.64	25
Chloroethane	19.6		µg/l		20.0		98.0	56.9-145	3.11	50
Chloroform	21.9		µg/l		20.0		110	70-130	7.55	25
Chloromethane	19.5		µg/l		20.0		97.5	70-130	4.72	25
2-Chlorotoluene	23.1		µg/l		20.0		116	70-130	4.41	25
4-Chlorotoluene	23.7		µg/l		20.0		118	70-130	3.45	25
1,2-Dibromo-3-chloropropane	19.4		µg/l		20.0		97.0	70-130	5.29	25
Dibromochloromethane	23.0		µg/l		20.0		115	61.5-142	3.54	50
1,2-Dibromoethane (EDB)	21.1		µg/l		20.0		106	70-130	6.83	25
Dibromomethane	20.5		µg/l		20.0		102	70-130	3.49	25
1,2-Dichlorobenzene	21.0		µg/l		20.0		105	70-130	0.957	25
1,3-Dichlorobenzene	24.8		µg/l		20.0		124	70-130	3.28	25
1,4-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	2.93	25
Dichlorodifluoromethane (Freon12)	22.5		µg/l		20.0		112	36.6-187	4.57	50
1,1-Dichloroethane	21.1		µg/l		20.0		106	70-130	6.83	25
1,2-Dichloroethane	21.0		µg/l		20.0		105	70-130	3.88	25
1,1-Dichloroethene	21.6		µg/l		20.0		108	70-130	5.71	25
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130	3.74	25
trans-1,2-Dichloroethene	21.6		µg/l		20.0		108	70-130	4.74	25
1,2-Dichloropropane	20.7		µg/l		20.0		104	70-130	4.42	25
1,3-Dichloropropane	20.0		µg/l		20.0		100	70-130	3.56	25
2,2-Dichloropropane	27.9	QC1	µg/l		20.0		140	70-130	8.96	25
1,1-Dichloropropene	23.2		µg/l		20.0		116	70-130	7.14	25
cis-1,3-Dichloropropene	23.6		µg/l		20.0		118	70-130	3.45	25
trans-1,3-Dichloropropene	21.2		µg/l		20.0		106	70-130	3.85	25
Ethylbenzene	23.2		µg/l		20.0		116	70-130	3.51	25
Hexachlorobutadiene	23.2		µg/l		20.0		116	68.7-142	1.74	50
2-Hexanone (MBK)	18.3		µg/l		20.0		91.5	56.3-131	5.32	25
Isopropylbenzene	22.8		µg/l		20.0		114	70-130	4.48	25
4-Isopropyltoluene	22.4		µg/l		20.0		112	70-130	2.71	25
Methyl tert-butyl ether	20.0		µg/l		20.0		100	70-130	5.66	25
4-Methyl-2-pentanone (MIBK)	17.9		µg/l		20.0		89.5	55.2-129	2.75	50
Methylene chloride	19.2		µg/l		20.0		96.0	70-130	3.17	25
Naphthalene	21.4		µg/l		20.0		107	70-130	3.81	25
n-Propylbenzene	23.3		µg/l		20.0		116	70-130	1.74	25
Styrene	24.6		µg/l		20.0		123	70-130	1.64	25
1,1,1,2-Tetrachloroethane	24.1		µg/l		20.0		120	70-130	2.53	25
1,1,2,2-Tetrachloroethane	24.6		µg/l		20.0		123	70-130	7.59	25
Tetrachloroethene	23.5		µg/l		20.0		118	70-130	7.02	25
Toluene	21.5		µg/l		20.0		108	70-130	5.71	25
1,2,3-Trichlorobenzene	22.4		µg/l		20.0		112	70-130	2.71	25
1,2,4-Trichlorobenzene	22.1		µg/l		20.0		110	70-130	2.76	25
1,1,1-Trichloroethane	23.8		µg/l		20.0		119	70-130	6.06	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121315 - SW846 5030 Water MS										
LCS Dup (6121315-BSD1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichloroethane	21.0		µg/l		20.0		105	70-130	5.88	25
Trichloroethene	21.0		µg/l		20.0		105	70-130	8.44	25
Trichlorofluoromethane (Freon 11)	23.8		µg/l		20.0		119	68-148	6.06	50
1,2,3-Trichloropropane	22.4		µg/l		20.0		112	70-130	3.64	25
1,2,4-Trimethylbenzene	24.8		µg/l		20.0		124	70-130	1.63	25
1,3,5-Trimethylbenzene	24.3		µg/l		20.0		122	70-130	3.33	25
Vinyl chloride	27.6	QC1	µg/l		20.0		138	70-130	14.8	25
m,p-Xylene	47.2		µg/l		40.0		118	70-130	3.45	25
o-Xylene	24.2		µg/l		20.0		121	70-130	2.51	25
Tetrahydrofuran	16.9		µg/l		20.0		84.5	70-130	3.49	25
Ethyl ether	18.6		µg/l		20.0		93.0	57.6-132	4.40	50
Tert-amyl methyl ether	18.7		µg/l		20.0		93.5	70-130	3.81	25
Ethyl tert-butyl ether	20.4		µg/l		20.0		102	70-130	4.51	25
Di-isopropyl ether	18.4		µg/l		20.0		92.0	70-130	4.44	25
Tert-Butanol / butyl alcohol	177		µg/l		200		88.5	70-130	2.87	25
1,4-Dioxane	193		µg/l		200		96.5	45.2-132	9.21	25
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.9*		µg/l		*30.0*		*99.7*	*70-130*		
Surrogate: Dibromofluoromethane	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Matrix Spike (6121315-MS1)	Source: SA55531-02									
Prepared & Analyzed: 18-Dec-06										
Benzene	22.4		µg/l		20.0	BRL	112	70-130		
Chlorobenzene	23.5		µg/l		20.0	BRL	118	70-130		
1,1-Dichloroethene	23.8		µg/l		20.0	BRL	119	70-130		
Toluene	23.6		µg/l		20.0	BRL	118	70-130		
Trichloroethene	23.1		µg/l		20.0	BRL	116	70-130		
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.9*		µg/l		*30.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/l		*30.0*		*109*	*70-130*		
Matrix Spike Dup (6121315-MSD1)	Source: SA55531-02									
Prepared & Analyzed: 18-Dec-06										
Benzene	23.4		µg/l		20.0	BRL	117	70-130	4.37	30
Chlorobenzene	23.7		µg/l		20.0	BRL	118	70-130	0.00	30
1,1-Dichloroethene	23.3		µg/l		20.0	BRL	116	70-130	2.55	30
Toluene	22.3		µg/l		20.0	BRL	112	70-130	5.22	30
Trichloroethene	21.4		µg/l		20.0	BRL	107	70-130	8.07	30
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Batch 6121377 - SW846 5030 Soil (high level)										
Blank (6121377-BLK1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	50.0						
Acetone	BRL		µg/kg wet	1000						
Acrylonitrile	BRL		µg/kg wet	50.0						
Benzene	BRL		µg/kg wet	50.0						
Bromobenzene	BRL		µg/kg wet	50.0						
Bromochloromethane	BRL		µg/kg wet	50.0						
Bromodichloromethane	BRL		µg/kg wet	50.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121377 - SW846 5030 Soil (high level)										
Blank (6121377-BLK1)										
Prepared & Analyzed: 18-Dec-06										
Bromoform	BRL		µg/kg wet	50.0						
Bromomethane	BRL		µg/kg wet	100						
2-Butanone (MEK)	BRL		µg/kg wet	500						
n-Butylbenzene	BRL		µg/kg wet	50.0						
sec-Butylbenzene	BRL		µg/kg wet	50.0						
tert-Butylbenzene	BRL		µg/kg wet	50.0						
Carbon disulfide	BRL		µg/kg wet	250						
Carbon tetrachloride	BRL		µg/kg wet	50.0						
Chlorobenzene	BRL		µg/kg wet	50.0						
Chloroethane	BRL		µg/kg wet	100						
Chloroform	BRL		µg/kg wet	50.0						
Chloromethane	BRL		µg/kg wet	100						
2-Chlorotoluene	BRL		µg/kg wet	50.0						
4-Chlorotoluene	BRL		µg/kg wet	50.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	100						
Dibromochloromethane	BRL		µg/kg wet	50.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	50.0						
Dibromomethane	BRL		µg/kg wet	50.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	50.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	50.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	50.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	100						
1,1-Dichloroethane	BRL		µg/kg wet	50.0						
1,2-Dichloroethane	BRL		µg/kg wet	50.0						
1,1-Dichloroethene	BRL		µg/kg wet	50.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	50.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	50.0						
1,2-Dichloropropane	BRL		µg/kg wet	50.0						
1,3-Dichloropropane	BRL		µg/kg wet	50.0						
2,2-Dichloropropane	BRL		µg/kg wet	50.0						
1,1-Dichloropropene	BRL		µg/kg wet	50.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	50.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	50.0						
Ethylbenzene	BRL		µg/kg wet	50.0						
Hexachlorobutadiene	BRL		µg/kg wet	50.0						
2-Hexanone (MBK)	BRL		µg/kg wet	500						
Isopropylbenzene	BRL		µg/kg wet	50.0						
4-Isopropyltoluene	BRL		µg/kg wet	50.0						
Methyl tert-butyl ether	BRL		µg/kg wet	50.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	500						
Methylene chloride	BRL		µg/kg wet	500						
Naphthalene	BRL		µg/kg wet	50.0						
n-Propylbenzene	BRL		µg/kg wet	50.0						
Styrene	BRL		µg/kg wet	50.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	50.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	50.0						
Tetrachloroethene	BRL		µg/kg wet	50.0						
Toluene	BRL		µg/kg wet	50.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	50.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	50.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	50.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	50.0						
Trichloroethene	BRL		µg/kg wet	50.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121377 - SW846 5030 Soil (high level)										
Blank (6121377-BLK1)										
Prepared & Analyzed: 18-Dec-06										
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	50.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	50.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	50.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	50.0						
Vinyl chloride	BRL		µg/kg wet	50.0						
m,p-Xylene	BRL		µg/kg wet	100						
o-Xylene	BRL		µg/kg wet	50.0						
Tetrahydrofuran	BRL		µg/kg wet	500						
Ethyl ether	BRL		µg/kg wet	50.0						
Tert-amyl methyl ether	BRL		µg/kg wet	50.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	50.0						
Di-isopropyl ether	BRL		µg/kg wet	50.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	500						
1,4-Dioxane	BRL		µg/kg wet	1000						
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/kg wet		*30.0*		*97.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS (6121377-BS1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.7		µg/kg wet		20.0		104	70-130		
Acetone	16.0		µg/kg wet		20.0		80.0	3.31-159		
Acrylonitrile	19.6		µg/kg wet		20.0		98.0	70-130		
Benzene	18.9		µg/kg wet		20.0		94.5	70-130		
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromoform	21.8		µg/kg wet		20.0		109	70-130		
Bromomethane	19.7		µg/kg wet		20.0		98.5	50-140		
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74.0	47.7-127		
n-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Carbon disulfide	20.9		µg/kg wet		20.0		104	70-130		
Carbon tetrachloride	20.8		µg/kg wet		20.0		104	70-130		
Chlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Chloroethane	14.9		µg/kg wet		20.0		74.5	55.9-135		
Chloroform	20.6		µg/kg wet		20.0		103	70-130		
Chloromethane	17.7		µg/kg wet		20.0		88.5	70-130		
2-Chlorotoluene	18.6		µg/kg wet		20.0		93.0	70-130		
4-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	20.9		µg/kg wet		20.0		104	70-130		
Dibromochloromethane	21.1		µg/kg wet		20.0		106	72-125		
1,2-Dibromoethane (EDB)	20.9		µg/kg wet		20.0		104	70-130		
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
Dichlorodifluoromethane (Freon12)	17.1		µg/kg wet		20.0		85.5	42.3-190		
1,1-Dichloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	18.2		µg/kg wet		20.0		91.0	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121377 - SW846 5030 Soil (high level)										
LCS (6121377-BS1)										
Prepared & Analyzed: 18-Dec-06										
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130		
1,3-Dichloropropane	18.8		µg/kg wet		20.0		94.0	70-130		
2,2-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130		
1,1-Dichloropropene	18.5		µg/kg wet		20.0		92.5	70-130		
cis-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130		
trans-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Hexachlorobutadiene	20.9		µg/kg wet		20.0		104	70-137		
2-Hexanone (MBK)	17.2		µg/kg wet		20.0		86.0	70-130		
Isopropylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
4-Isopropyltoluene	21.4		µg/kg wet		20.0		107	70-130		
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		95.5	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92.0	48.5-127		
Methylene chloride	17.3		µg/kg wet		20.0		86.5	70-130		
Naphthalene	22.3		µg/kg wet		20.0		112	70-130		
n-Propylbenzene	19.7		µg/kg wet		20.0		98.5	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	19.5		µg/kg wet		20.0		97.5	70-130		
Tetrachloroethene	21.1		µg/kg wet		20.0		106	70-130		
Toluene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2,3-Trichlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
1,2,4-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130		
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	19.9		µg/kg wet		20.0		99.5	66.5-144		
1,2,3-Trichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		98.5	70-130		
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130		
m,p-Xylene	37.7		µg/kg wet		40.0		94.2	70-130		
o-Xylene	20.2		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	17.3		µg/kg wet		20.0		86.5	70-130		
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123		
Tert-amyl methyl ether	20.7		µg/kg wet		20.0		104	70-130		
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	18.4		µg/kg wet		20.0		92.0	70-130		
Tert-Butanol / butyl alcohol	193		µg/kg wet		200		96.5	70-130		
1,4-Dioxane	79.9		µg/kg wet		200		40.0	40-134		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS Dup (6121377-BSD1)										
Prepared & Analyzed: 18-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/kg wet		20.0		97.5	70-130	6.45	25
Acetone	18.4		µg/kg wet		20.0		92.0	3.31-159	14.0	50
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130	2.02	25
Benzene	19.6		µg/kg wet		20.0		98.0	70-130	3.64	25
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130	3.70	25
Bromochloromethane	21.7		µg/kg wet		20.0		108	70-130	2.82	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121377 - SW846 5030 Soil (high level)										
LCS Dup (6121377-BSD1)										
Prepared & Analyzed: 18-Dec-06										
Bromodichloromethane	22.2		µg/kg wet		20.0		111	70-130	5.56	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	7.93	25
Bromomethane	19.5		µg/kg wet		20.0		97.5	50-140	1.02	50
2-Butanone (MEK)	17.2		µg/kg wet		20.0		86.0	47.7-127	15.0	50
n-Butylbenzene	19.3		µg/kg wet		20.0		96.5	70-130	5.54	25
sec-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	1.94	25
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130	3.85	25
Carbon disulfide	20.8		µg/kg wet		20.0		104	70-130	0.00	25
Carbon tetrachloride	20.8		µg/kg wet		20.0		104	70-130	0.00	25
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3.96	25
Chloroethane	15.6		µg/kg wet		20.0		78.0	55.9-135	4.59	50
Chloroform	21.1		µg/kg wet		20.0		106	70-130	2.87	25
Chloromethane	17.2		µg/kg wet		20.0		86.0	70-130	2.87	25
2-Chlorotoluene	19.6		µg/kg wet		20.0		98.0	70-130	5.24	25
4-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	2.96	25
1,2-Dibromo-3-chloropropane	21.0		µg/kg wet		20.0		105	70-130	0.957	25
Dibromochloromethane	22.6		µg/kg wet		20.0		113	72-125	6.39	50
1,2-Dibromoethane (EDB)	22.6		µg/kg wet		20.0		113	70-130	8.29	25
Dibromomethane	21.1		µg/kg wet		20.0		106	70-130	3.85	25
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130	3.96	25
1,3-Dichlorobenzene	22.1		µg/kg wet		20.0		110	70-130	3.70	25
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	2.48	25
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82.0	42.3-190	4.18	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97.0	70-130	2.08	25
1,2-Dichloroethane	22.2		µg/kg wet		20.0		111	70-130	3.67	25
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130	1.63	25
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130	1.98	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97.0	70-130	3.67	25
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97.0	70-130	0.517	25
1,3-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	7.18	25
2,2-Dichloropropane	19.1		µg/kg wet		20.0		95.5	70-130	1.04	25
1,1-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130	6.28	25
cis-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	2.84	25
trans-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	2.79	25
Ethylbenzene	18.6		µg/kg wet		20.0		93.0	70-130	3.17	25
Hexachlorobutadiene	19.8		µg/kg wet		20.0		99.0	70-137	4.93	50
2-Hexanone (MBK)	18.7		µg/kg wet		20.0		93.5	70-130	8.36	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	1.56	25
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130	4.78	25
Methyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130	10.4	25
4-Methyl-2-pentanone (MIBK)	19.4		µg/kg wet		20.0		97.0	48.5-127	5.29	50
Methylene chloride	16.4		µg/kg wet		20.0		82.0	70-130	5.34	25
Naphthalene	21.9		µg/kg wet		20.0		110	70-130	1.80	25
n-Propylbenzene	20.1		µg/kg wet		20.0		100	70-130	1.51	25
Styrene	21.5		µg/kg wet		20.0		108	70-130	6.70	25
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130	2.74	25
1,1,2,2-Tetrachloroethane	19.5		µg/kg wet		20.0		97.5	70-130	0.00	25
Tetrachloroethene	21.3		µg/kg wet		20.0		106	70-130	0.00	25
Toluene	19.7		µg/kg wet		20.0		98.5	70-130	5.21	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	0.00	25
1,2,4-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	3.92	25
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,1,2-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130	6.90	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121377 - SW846 5030 Soil (high level)										
LCS Dup (6121377-BSD1)										
Prepared & Analyzed: 18-Dec-06										
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130	0.00	25
Trichlorofluoromethane (Freon 11)	19.3		µg/kg wet		20.0		96.5	66.5-144	3.06	50
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130	7.48	25
1,2,4-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130	2.84	25
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	3.49	25
Vinyl chloride	19.4		µg/kg wet		20.0		97.0	70-130	6.97	25
m,p-Xylene	39.4		µg/kg wet		40.0		98.5	70-130	4.46	25
o-Xylene	20.2		µg/kg wet		20.0		101	70-130	0.00	25
Tetrahydrofuran	18.5		µg/kg wet		20.0		92.5	70-130	6.70	25
Ethyl ether	20.2		µg/kg wet		20.0		101	64.9-123	7.18	50
Tert-amyl methyl ether	21.6		µg/kg wet		20.0		108	70-130	3.77	25
Ethyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130	2.79	25
Di-isopropyl ether	19.0		µg/kg wet		20.0		95.0	70-130	3.21	25
Tert-Butanol / butyl alcohol	216		µg/kg wet		200		108	70-130	11.2	25
1,4-Dioxane	194	QR5	µg/kg wet		200		97.0	40-134	83.2	25
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Matrix Spike (6121377-MS1) **Source: SA55602-01RE1**										
Prepared & Analyzed: 18-Dec-06										
Benzene	23.6		µg/kg dry		20.0	BRL	118	70-130		
Chlorobenzene	24.2		µg/kg dry		20.0	BRL	121	70-130		
1,1-Dichloroethene	23.0		µg/kg dry		20.0	BRL	115	70-130		
Toluene	24.4		µg/kg dry		20.0	BRL	122	70-130		
Trichloroethene	26.5	QM7	µg/kg dry		20.0	BRL	132	70-130		
Surrogate: 4-Bromofluorobenzene	*32.3*		µg/kg dry		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*32.2*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.8*		µg/kg dry		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Matrix Spike Dup (6121377-MSD1) **Source: SA55602-01RE1**										
Prepared: 18-Dec-06 Analyzed: 19-Dec-06										
Benzene	22.2		µg/kg dry		20.0	BRL	111	70-130	6.11	30
Chlorobenzene	24.2		µg/kg dry		20.0	BRL	121	70-130	0.00	30
1,1-Dichloroethene	20.8		µg/kg dry		20.0	BRL	104	70-130	10.0	30
Toluene	22.5		µg/kg dry		20.0	BRL	112	70-130	8.55	30
Trichloroethene	23.9		µg/kg dry		20.0	BRL	120	70-130	9.52	30
Surrogate: 4-Bromofluorobenzene	*35.5*		µg/kg dry		*30.0*		*118*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.1*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*31.6*		µg/kg dry		*30.0*		*105*	*70-130*		
Batch 6121451 - SW846 5030 Soil (high level)										
Blank (6121451-BLK1)										
Prepared & Analyzed: 19-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121451 - SW846 5030 Soil (high level)										
Blank (6121451-BLK1)										
Prepared & Analyzed: 19-Dec-06										
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121451 - SW846 5030 Soil (high level)										
Blank (6121451-BLK1)										
Prepared & Analyzed: 19-Dec-06										
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS (6121451-BS1)										
Prepared & Analyzed: 19-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/kg wet		20.0		106	70-130		
Acetone	23.1		µg/kg wet		20.0		116	3.31-159		
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130		
Benzene	18.9		µg/kg wet		20.0		94.5	70-130		
Bromobenzene	21.1		µg/kg wet		20.0		106	70-130		
Bromochloromethane	19.5		µg/kg wet		20.0		97.5	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	18.4		µg/kg wet		20.0		92.0	70-130		
Bromomethane	20.7		µg/kg wet		20.0		104	50-140		
2-Butanone (MEK)	16.6		µg/kg wet		20.0		83.0	47.7-127		
n-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
tert-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Carbon disulfide	21.6		µg/kg wet		20.0		108	70-130		
Carbon tetrachloride	19.0		µg/kg wet		20.0		95.0	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	16.5		µg/kg wet		20.0		82.5	55.9-135		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		
Chloromethane	24.5		µg/kg wet		20.0		122	70-130		
2-Chlorotoluene	19.4		µg/kg wet		20.0		97.0	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	19.0		µg/kg wet		20.0		95.0	70-130		
Dibromochloromethane	20.2		µg/kg wet		20.0		101	72-125		
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		106	70-130		
Dibromomethane	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/kg wet		20.0		101	42.3-190		
1,1-Dichloroethane	15.7		µg/kg wet		20.0		78.5	70-130		
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1-Dichloroethene	18.7		µg/kg wet		20.0		93.5	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,2-Dichloroethene	14.8		µg/kg wet		20.0		74.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121451 - SW846 5030 Soil (high level)										
LCS (6121451-BS1)										
Prepared & Analyzed: 19-Dec-06										
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97.0	70-130		
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130		
2,2-Dichloropropane	18.9		µg/kg wet		20.0		94.5	70-130		
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95.5	70-130		
cis-1,3-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130		
trans-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.7		µg/kg wet		20.0		98.5	70-130		
Hexachlorobutadiene	20.4		µg/kg wet		20.0		102	70-137		
2-Hexanone (MBK)	18.0		µg/kg wet		20.0		90.0	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
4-Isopropyltoluene	21.1		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	15.7		µg/kg wet		20.0		78.5	70-130		
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91.0	48.5-127		
Methylene chloride	18.6		µg/kg wet		20.0		93.0	70-130		
Naphthalene	25.1		µg/kg wet		20.0		126	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	20.6		µg/kg wet		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90.0	70-130		
Tetrachloroethene	21.2		µg/kg wet		20.0		106	70-130		
Toluene	20.4		µg/kg wet		20.0		102	70-130		
1,2,3-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,1,1-Trichloroethane	19.6		µg/kg wet		20.0		98.0	70-130		
1,1,2-Trichloroethane	21.1		µg/kg wet		20.0		106	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97.0	66.5-144		
1,2,3-Trichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,2,4-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Vinyl chloride	21.0		µg/kg wet		20.0		105	70-130		
m,p-Xylene	38.8		µg/kg wet		40.0		97.0	70-130		
o-Xylene	20.1		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	16.9		µg/kg wet		20.0		84.5	70-130		
Ethyl ether	18.9		µg/kg wet		20.0		94.5	64.9-123		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	18.0		µg/kg wet		20.0		90.0	70-130		
Tert-Butanol / butyl alcohol	210		µg/kg wet		200		105	70-130		
1,4-Dioxane	175		µg/kg wet		200		87.5	40-134		
Surrogate: 4-Bromofluorobenzene	*29.4*		µg/kg wet		*30.0*		*98.0*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.7*		µg/kg wet		*30.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.1*		µg/kg wet		*30.0*		*97.0*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120882 - SW846 3510C										
Blank (6120882-BLK1)										
Prepared & Analyzed: 13-Dec-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0483*		mg/l		*0.0500*		*96.6*	*40-140*		
LCS (6120882-BS1)										
Prepared & Analyzed: 13-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.2		mg/l	0.05	1.40		85.7	60-120		
Surrogate: 1-Chlorooctadecane	*0.0440*		mg/l		*0.0500*		*88.0*	*60-120*		
Batch 6121007 - SW846 3510C										
Blank (6121007-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Gasoline	BRL		mg/l	0.1						
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.1						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.1						
Fuel Oil #6	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.1						
Motor Oil	BRL		mg/l	0.1						
Motor Oil	BRL		mg/l	0.05						
Ligroin	BRL		mg/l	0.1						
Aviation Fuel	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.1						
Unidentified	BRL		mg/l	0.1						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.1						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.1						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0466*		mg/l		*0.0500*		*93.2*	*40-140*		
Surrogate: 1-Chlorooctadecane	*0.0466*		mg/l		*0.0500*		*93.2*	*40-140*		
LCS (6121007-BS1)										
Prepared & Analyzed: 14-Dec-06										
Fuel Oil #2	13.5		mg/l	0.1	10.0		135	40-140		
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0575*		mg/l		*0.0500*		*115*	*60-120*		
Batch 6121032 - SW846 3550B										
Blank (6121032-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121032 - SW846 3550B										
Blank (6121032-BLK1)										
Prepared & Analyzed: 14-Dec-06										
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Ligroin	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*3.01*		mg/kg wet		*3.33*		*90.4*	*40-140*		
LCS (6121032-BS1)										
Prepared & Analyzed: 14-Dec-06										
Fuel Oil #2	897		mg/kg wet	13.3	667		134	40-140		
Duplicate (6121032-DUP1)	**Source: SA55489-03**									
Prepared & Analyzed: 14-Dec-06										
Gasoline	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	31.4		BRL				50
Motor Oil	BRL		mg/kg dry	31.4		BRL				50
Ligroin	BRL		mg/kg dry	31.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	31.4		BRL				50
Unidentified	BRL		mg/kg dry	31.4		BRL				50
Other Oil	BRL		mg/kg dry	31.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.4		BRL				50
Surrogate: 1-Chlorooctadecane	*4.89*		mg/kg dry		*3.93*		*124*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120880 - SW846 3510C										
Blank (6120880-BLK1)										
Prepared & Analyzed: 13-Dec-06										
Aldrin	BRL		µg/l	0.010						
a-BHC	BRL		µg/l	0.010						
b-BHC	BRL		µg/l	0.010						
d-BHC	BRL		µg/l	0.010						
g-BHC (Lindane)	BRL		µg/l	0.010						
Chlordane	BRL		µg/l	0.050						
4,4-DDD (p,p')	BRL		µg/l	0.010						
4,4-DDE (p,p')	BRL		µg/l	0.010						
4,4-DDT (p,p')	BRL		µg/l	0.010						
Dieldrin	BRL		µg/l	0.010						
Endosulfan I	BRL		µg/l	0.010						
Endosulfan II	BRL		µg/l	0.010						
Endosulfan Sulfate	BRL		µg/l	0.010						
Endrin	BRL		µg/l	0.010						
Endrin Aldehyde	BRL		µg/l	0.010						
Heptachlor	BRL		µg/l	0.010						
Methoxychlor	BRL		µg/l	0.010						
Heptachlor Epoxide	BRL		µg/l	0.010						
Toxaphene	BRL		µg/l	0.050						
a-Chlordane	BRL		µg/l	0.010						
g-Chlordane	BRL		µg/l	0.010						
Endrin Ketone	BRL		µg/l	0.010						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0186*		µg/l		*0.0200*		*93.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0197*		µg/l		*0.0200*		*98.5*	*30-150*		
LCS (6120880-BS1)										
Prepared & Analyzed: 13-Dec-06										
Aldrin	0.015		µg/l	0.010	0.0200		75.0	40-140		
a-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140		
b-BHC	0.018		µg/l	0.010	0.0200		90.0	40-140		
d-BHC	0.008		µg/l	0.010	0.0200		40.0	40-140		
g-BHC (Lindane)	0.016		µg/l	0.010	0.0200		80.0	40-140		
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
4,4-DDE (p,p')	0.017		µg/l	0.010	0.0200		85.0	40-140		
4,4-DDT (p,p')	0.019		µg/l	0.010	0.0200		95.0	40-140		
Dieldrin	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endosulfan I	0.010		µg/l	0.010	0.0200		50.0	40-140		
Endosulfan II	0.010		µg/l	0.010	0.0200		50.0	40-140		
Endosulfan Sulfate	0.014		µg/l	0.010	0.0200		70.0	40-140		
Endrin	0.017		µg/l	0.010	0.0200		85.0	40-140		
Endrin Aldehyde	0.020		µg/l	0.010	0.0200		100	40-140		
Heptachlor	0.016		µg/l	0.010	0.0200		80.0	40-140		
Methoxychlor	0.016		µg/l	0.010	0.0200		80.0	40-140		
Heptachlor Epoxide	0.017		µg/l	0.010	0.0200		85.0	40-140		
a-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140		
g-Chlordane	0.018		µg/l	0.010	0.0200		90.0	40-140		
Endrin Ketone	0.018		µg/l	0.010	0.0200		90.0	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0219*		µg/l		*0.0200*		*110*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0221*		µg/l		*0.0200*		*110*	*40-140*		
LCS Dup (6120880-BSD1)										
Prepared & Analyzed: 13-Dec-06										
Aldrin	0.016		µg/l	0.010	0.0200		80.0	40-140	6.45	20
a-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120880 - SW846 3510C										
LCS Dup (6120880-BSD1)										
Prepared & Analyzed: 13-Dec-06										
b-BHC	0.016		µg/l	0.010	0.0200		80.0	40-140	11.8	20
d-BHC	0.009		µg/l	0.010	0.0200		45.0	40-140	11.8	20
g-BHC (Lindane)	0.016		µg/l	0.010	0.0200		80.0	40-140	0.00	20
4,4-DDD (p,p')	0.018		µg/l	0.010	0.0200		90.0	40-140	18.2	20
4,4-DDE (p,p')	0.018		µg/l	0.010	0.0200		90.0	40-140	5.71	20
4,4-DDT (p,p')	0.020		µg/l	0.010	0.0200		100	40-140	5.13	20
Dieldrin	0.017		µg/l	0.010	0.0200		85.0	40-140	0.00	20
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140	10.5	20
Endosulfan II	0.012		µg/l	0.010	0.0200		60.0	40-140	18.2	20
Endosulfan Sulfate	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20
Endrin	0.017		µg/l	0.010	0.0200		85.0	40-140	0.00	20
Endrin Aldehyde	0.024		µg/l	0.010	0.0200		120	40-140	18.2	20
Heptachlor	0.017		µg/l	0.010	0.0200		85.0	40-140	6.06	20
Methoxychlor	0.018		µg/l	0.010	0.0200		90.0	40-140	11.8	20
Heptachlor Epoxide	0.017		µg/l	0.010	0.0200		85.0	40-140	0.00	20
a-Chlordane	0.018		µg/l	0.010	0.0200		90.0	40-140	5.71	20
g-Chlordane	0.020		µg/l	0.010	0.0200		100	40-140	10.5	20
Endrin Ketone	0.021		µg/l	0.010	0.0200		105	40-140	15.4	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0163*		µg/l		*0.0200*		*81.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0244*		µg/l		*0.0200*		*122*	*40-140*		
Batch 6120881 - SW846 3510C										
Blank (6120881-BLK1)										
Prepared & Analyzed: 13-Dec-06										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.200*		µg/l		*0.200*		*100*	*30-150*		
LCS (6120881-BS1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	2.68		µg/l	0.200	2.50		107	40-140		
PCB 1260	2.91		µg/l	0.200	2.50		116	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.200*		µg/l		*0.200*		*100*	*30-150*		
LCS Dup (6120881-BSD1)										
Prepared: 13-Dec-06 Analyzed: 14-Dec-06										
PCB 1016	2.71		µg/l	0.200	2.50		108	40-140	0.930	20
PCB 1260	2.93		µg/l	0.200	2.50		117	40-140	0.858	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.210*		µg/l		*0.200*		*105*	*30-150*		
Batch 6121033 - SW846 3545A										
Blank (6121033-BLK1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121033 - SW846 3545A										
Blank (6121033-BLK1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg wet		*28.6*		*100*	*30-150*		
LCS (6121033-BS1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	326		µg/kg wet	28.6	357		91.3	40-140		
PCB 1260	351		µg/kg wet	28.6	357		98.3	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*59.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
LCS Dup (6121033-BSD1)										
Prepared & Analyzed: 14-Dec-06										
PCB 1016	329		µg/kg wet	28.6	357		92.2	40-140	0.981	30
PCB 1260	327		µg/kg wet	28.6	357		91.6	40-140	7.06	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*59.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
Duplicate (6121033-DUP1)	**Source: SA55502-01**									
Prepared & Analyzed: 14-Dec-06										
PCB 1016	BRL		µg/kg dry	30.4		BRL				40
PCB 1221	BRL		µg/kg dry	30.4		BRL				40
PCB 1232	BRL		µg/kg dry	30.4		BRL				40
PCB 1242	BRL		µg/kg dry	30.4		BRL				40
PCB 1248	BRL		µg/kg dry	30.4		BRL				40
PCB 1254	BRL		µg/kg dry	30.4		BRL				40
PCB 1260	25.9	J	µg/kg dry	30.4		BRL				40
PCB 1262	BRL		µg/kg dry	30.4		BRL				40
PCB 1268	BRL		µg/kg dry	30.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*30.4*		*70.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.5*		µg/kg dry		*30.4*		*120*	*30-150*		
Matrix Spike (6121033-MS1)	**Source: SA55502-01**									
Prepared & Analyzed: 14-Dec-06										
PCB 1016	364		µg/kg dry	30.7	384	BRL	94.8	40-140		
PCB 1260	415		µg/kg dry	30.7	384	BRL	108	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg dry		*30.7*		*59.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.3*		µg/kg dry		*30.7*		*105*	*30-150*		
Matrix Spike Dup (6121033-MSD1)	**Source: SA55502-01**									
Prepared & Analyzed: 14-Dec-06										
PCB 1016	348		µg/kg dry	30.5	381	BRL	91.3	40-140	3.76	50
PCB 1260	413		µg/kg dry	30.5	381	BRL	108	40-140	0.00	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg dry		*30.5*		*60.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.1*		µg/kg dry		*30.5*		*115*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Acenaphthene	BRL		µg/l	0.500						
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.500						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.500						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	0.500						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	0.500						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.500						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.500						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.500						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.500						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.500						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	0.500						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	0.500						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	0.500						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	0.500						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	0.500						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	0.500						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	0.500						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	0.500						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	0.500						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	0.500						
2-Chloronaphthalene	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	0.500						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.500						
Chrysene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.500						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	0.500						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	0.500						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	0.500						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	0.500						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	0.500						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	0.500						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	0.500						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	0.500						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	0.500						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	0.500						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	0.500						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.500						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.500						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	0.500						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	0.500						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	0.500						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.500						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	0.500						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.500						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.500						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	0.500						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	0.500						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	0.500						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	0.500						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	0.500						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	0.500						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.500						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	0.500						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.500						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*82.5*		µg/l		*100*		*82.5*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*82.5*		µg/l		*100*		*82.5*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*82.5*		µg/l		*100*		*82.5*	*30-130*		
Surrogate: 2-Fluorophenol	*103*		µg/l		*100*		*103*	*15-110*		
Surrogate: 2-Fluorophenol	*103*		µg/l		*100*		*103*	*15-110*		
Surrogate: Nitrobenzene-d5	*102*		µg/l		*100*		*102*	*30-130*		
Surrogate: Nitrobenzene-d5	*102*		µg/l		*100*		*102*	*30-130*		
Surrogate: Phenol-d5	*98.2*		µg/l		*100*		*98.2*	*15-110*		
Surrogate: Phenol-d5	*98.2*		µg/l		*100*		*98.2*	*15-110*		
Surrogate: Terphenyl-dl4	*89.7*		µg/l		*100*		*89.7*	*30-130*		
Surrogate: Terphenyl-dl4	*89.7*		µg/l		*100*		*89.7*	*30-130*		
Surrogate: Terphenyl-dl4	*89.7*		µg/l		*100*		*89.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*83.0*		µg/l		*100*		*83.0*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
Blank (6120827-BLK1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Surrogate: 2,4,6-Tribromophenol	*83.0*		µg/l		*100*		*83.0*	*15-110*		
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Acenaphthene	76.8		µg/l	5.00	100		76.8	40-130		
Acenaphthene	76.8		µg/l	0.500	100		76.8	40-130		
Acenaphthene	76.8		µg/l	0.050	100		76.8	40-140		
Acenaphthylene	77.5		µg/l	0.500	100		77.5	40-130		
Acenaphthylene	77.5		µg/l	5.00	100		77.5	40-130		
Acenaphthylene	77.5		µg/l	0.050	100		77.5	40-140		
Aniline	65.7		µg/l	5.00	100		65.7	40-130		
1-Methylnaphthalene	80.4		µg/l	0.050	100		80.4	40-140		
Anthracene	80.1		µg/l	0.500	100		80.1	40-130		
Anthracene	80.1		µg/l	5.00	100		80.1	40-130		
Anthracene	80.1		µg/l	0.050	100		80.1	40-140		
Atrazine	171		µg/l	5.00	100		171	0-200		
Azobenzene/Diphenyldiazine	90.2		µg/l	0.500	100		90.2	40-130		
Azobenzene/Diphenyldiazine	90.2		µg/l	5.00	100		90.2	40-130		
Benzidine	40.7		µg/l	5.00	100		40.7	40-130		
Benzidine	40.7		µg/l	0.500	100		40.7	40-130		
Benzo (a) anthracene	81.7		µg/l	5.00	100		81.7	40-130		
Benzo (a) anthracene	81.7		µg/l	0.500	100		81.7	40-130		
Benzo (a) anthracene	81.7		µg/l	0.050	100		81.7	40-140		
Benzo (a) pyrene	82.8		µg/l	0.500	100		82.8	40-130		
Benzo (a) pyrene	82.8		µg/l	5.00	100		82.8	40-130		
Benzo (a) pyrene	82.8		µg/l	0.050	100		82.8	40-140		
Benzo (b) fluoranthene	78.8		µg/l	0.500	100		78.8	40-130		
Benzo (b) fluoranthene	78.8		µg/l	5.00	100		78.8	40-130		
Benzo (b) fluoranthene	78.8		µg/l	0.050	100		78.8	40-140		
Benzo (g,h,i) perylene	91.2		µg/l	5.00	100		91.2	40-130		
Benzo (g,h,i) perylene	91.2		µg/l	0.500	100		91.2	40-130		
Benzo (g,h,i) perylene	91.2		µg/l	0.050	100		91.2	40-140		
Benzo (k) fluoranthene	74.0		µg/l	5.00	100		74.0	40-130		
Benzo (k) fluoranthene	74.0		µg/l	0.500	100		74.0	40-130		
Benzo (k) fluoranthene	74.0		µg/l	0.050	100		74.0	40-140		
Benzoic acid	1.03	QC2	µg/l	5.00	100		1.03	40-130		
Benzoic acid	1.03	QC2	µg/l	0.500	100		1.03	40-130		
Benzyl alcohol	60.4		µg/l	0.500	100		60.4	40-130		
Benzyl alcohol	60.4		µg/l	5.00	100		60.4	40-130		
Bis(2-chloroethoxy)methane	78.6		µg/l	5.00	100		78.6	40-130		
Bis(2-chloroethoxy)methane	78.6		µg/l	0.500	100		78.6	40-130		
Bis(2-chloroethyl)ether	67.7		µg/l	0.500	100		67.7	40-130		
Bis(2-chloroethyl)ether	67.7		µg/l	5.00	100		67.7	40-130		
Bis(2-chloroisopropyl)ether	141	QC2	µg/l	5.00	100		141	40-130		
Bis(2-chloroisopropyl)ether	141	QC2	µg/l	0.500	100		141	40-130		
Bis(2-ethylhexyl)phthalate	85.0		µg/l	5.00	100		85.0	40-130		
Bis(2-ethylhexyl)phthalate	85.0		µg/l	0.500	100		85.0	40-130		
4-Bromophenyl phenyl ether	74.3		µg/l	0.500	100		74.3	40-130		
4-Bromophenyl phenyl ether	74.3		µg/l	5.00	100		74.3	40-130		
Butyl benzyl phthalate	86.1		µg/l	5.00	100		86.1	40-130		
Butyl benzyl phthalate	86.1		µg/l	0.500	100		86.1	40-130		
Carbazole	95.3		µg/l	5.00	100		95.3	40-130		
4-Chloro-3-methylphenol	76.4		µg/l	5.00	100		76.4	40-130		
4-Chloroaniline	66.5		µg/l	5.00	100		66.5	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
4-Chloroaniline	66.5		µg/l	0.500	100		66.5	40-130		
2-Chloronaphthalene	71.3		µg/l	0.500	100		71.3	40-130		
2-Chloronaphthalene	71.3		µg/l	5.00	100		71.3	40-130		
2-Chlorophenol	68.0		µg/l	5.00	100		68.0	40-130		
4-Chlorophenyl phenyl ether	74.7		µg/l	5.00	100		74.7	40-130		
4-Chlorophenyl phenyl ether	74.7		µg/l	0.500	100		74.7	40-130		
Chrysene	81.5		µg/l	5.00	100		81.5	40-130		
Chrysene	81.5		µg/l	0.500	100		81.5	40-130		
Chrysene	81.5		µg/l	0.050	100		81.5	40-140		
Dibenzo (a,h) anthracene	90.0		µg/l	0.500	100		90.0	40-130		
Dibenzo (a,h) anthracene	90.0		µg/l	5.00	100		90.0	40-130		
Dibenzo (a,h) anthracene	90.0		µg/l	0.050	100		90.0	40-140		
Dibenzofuran	67.9		µg/l	0.500	100		67.9	40-130		
Dibenzofuran	67.9		µg/l	5.00	100		67.9	40-130		
1,2-Dichlorobenzene	65.8		µg/l	0.500	100		65.8	40-130		
1,2-Dichlorobenzene	65.8		µg/l	5.00	100		65.8	40-130		
1,3-Dichlorobenzene	63.0		µg/l	5.00	100		63.0	40-130		
1,3-Dichlorobenzene	63.0		µg/l	0.500	100		63.0	40-130		
1,4-Dichlorobenzene	65.0		µg/l	5.00	100		65.0	40-130		
1,4-Dichlorobenzene	65.0		µg/l	0.500	100		65.0	40-130		
3,3'-Dichlorobenzidine	84.1		µg/l	0.500	100		84.1	40-130		
3,3'-Dichlorobenzidine	84.1		µg/l	5.00	100		84.1	40-130		
2,4-Dichlorophenol	70.7		µg/l	5.00	100		70.7	40-130		
Diethyl phthalate	83.3		µg/l	0.500	100		83.3	40-130		
Diethyl phthalate	83.3		µg/l	5.00	100		83.3	40-130		
Dimethyl phthalate	75.6		µg/l	5.00	100		75.6	40-130		
Dimethyl phthalate	75.6		µg/l	0.500	100		75.6	40-130		
2,4-Dimethylphenol	72.0		µg/l	5.00	100		72.0	40-130		
Di-n-butyl phthalate	84.5		µg/l	0.500	100		84.5	40-130		
Di-n-butyl phthalate	84.5		µg/l	5.00	100		84.5	40-130		
4,6-Dinitro-2-methylphenol	83.8		µg/l	5.00	100		83.8	40-130		
2,4-Dinitrophenol	65.0		µg/l	5.00	100		65.0	40-130		
2,4-Dinitrotoluene	78.7		µg/l	0.500	100		78.7	40-130		
2,4-Dinitrotoluene	78.7		µg/l	5.00	100		78.7	40-130		
2,6-Dinitrotoluene	77.0		µg/l	0.500	100		77.0	40-130		
2,6-Dinitrotoluene	77.0		µg/l	5.00	100		77.0	40-130		
Di-n-octyl phthalate	79.9		µg/l	0.500	100		79.9	40-130		
Di-n-octyl phthalate	79.9		µg/l	5.00	100		79.9	40-130		
Fluoranthene	81.4		µg/l	0.500	100		81.4	40-130		
Fluoranthene	81.4		µg/l	5.00	100		81.4	40-130		
Fluoranthene	81.4		µg/l	0.050	100		81.4	40-140		
Fluorene	77.6		µg/l	0.500	100		77.6	40-130		
Fluorene	77.6		µg/l	0.050	100		77.6	40-140		
Fluorene	77.6		µg/l	5.00	100		77.6	40-130		
Hexachlorobenzene	66.0		µg/l	0.500	100		66.0	40-130		
Hexachlorobenzene	66.0		µg/l	5.00	100		66.0	40-130		
Hexachlorobutadiene	64.7		µg/l	0.500	100		64.7	40-130		
Hexachlorobutadiene	64.7		µg/l	5.00	100		64.7	40-130		
Hexachlorocyclopentadiene	68.7		µg/l	0.500	100		68.7	40-130		
Hexachlorocyclopentadiene	68.7		µg/l	5.00	100		68.7	40-130		
Hexachloroethane	72.6		µg/l	0.500	100		72.6	40-130		
Hexachloroethane	72.6		µg/l	5.00	100		72.6	40-130		
Indeno (1,2,3-cd) pyrene	92.3		µg/l	5.00	100		92.3	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Indeno (1,2,3-cd) pyrene	92.3		µg/l	0.500	100		92.3	40-130		
Indeno (1,2,3-cd) pyrene	92.3		µg/l	0.050	100		92.3	40-140		
Isophorone	73.1		µg/l	0.500	100		73.1	40-130		
Isophorone	73.1		µg/l	5.00	100		73.1	40-130		
2-Methylnaphthalene	64.3		µg/l	0.500	100		64.3	40-130		
2-Methylnaphthalene	64.3		µg/l	5.00	100		64.3	40-130		
2-Methylnaphthalene	64.3		µg/l	0.050	100		64.3	40-140		
2-Methylphenol	68.9		µg/l	5.00	100		68.9	40-130		
3,4-Methylphenol	67.1		µg/l	10.0	100		67.1	40-130		
Naphthalene	67.2		µg/l	0.500	100		67.2	40-130		
Naphthalene	67.2		µg/l	0.050	100		67.2	40-140		
Naphthalene	67.2		µg/l	5.00	100		67.2	40-130		
2-Nitroaniline	84.8		µg/l	5.00	100		84.8	40-130		
2-Nitroaniline	84.8		µg/l	0.500	100		84.8	40-130		
3-Nitroaniline	75.3		µg/l	5.00	100		75.3	40-130		
3-Nitroaniline	75.3		µg/l	0.500	100		75.3	40-130		
4-Nitroaniline	106		µg/l	0.500	100		106	40-130		
4-Nitroaniline	106		µg/l	20.0	100		106	40-130		
Nitrobenzene	77.7		µg/l	0.500	100		77.7	40-130		
Nitrobenzene	77.7		µg/l	5.00	100		77.7	40-130		
2-Nitrophenol	76.1		µg/l	5.00	100		76.1	40-130		
4-Nitrophenol	89.8		µg/l	20.0	100		89.8	40-130		
N-Nitrosodimethylamine	43.0		µg/l	0.500	100		43.0	40-130		
N-Nitrosodimethylamine	43.0		µg/l	5.00	100		43.0	40-130		
N-Nitrosodi-n-propylamine	99.0		µg/l	5.00	100		99.0	40-130		
N-Nitrosodiphenylamine	84.2		µg/l	0.500	100		84.2	40-130		
N-Nitrosodiphenylamine	84.2		µg/l	5.00	100		84.2	40-130		
Pentachlorophenol	84.7		µg/l	20.0	100		84.7	40-130		
Phenanthrene	76.2		µg/l	0.500	100		76.2	40-130		
Phenanthrene	76.2		µg/l	0.050	100		76.2	40-140		
Phenanthrene	76.2		µg/l	5.00	100		76.2	40-130		
Phenol	70.4		µg/l	5.00	100		70.4	40-130		
Pyrene	77.2		µg/l	0.500	100		77.2	40-130		
Pyrene	77.2		µg/l	0.050	100		77.2	40-140		
Pyrene	77.2		µg/l	5.00	100		77.2	40-130		
Pyridine	223	QC2	µg/l	5.00	100		223	40-130		
Hexachlorobenzene	66.0		µg/l	1.00	100		66.0	40-140		
1-Methylnaphthalene	80.4		µg/l	5.00	100		80.4	40-140		
1,2,4-Trichlorobenzene	65.9		µg/l	5.00	100		65.9	40-130		
Hexachloroethane	72.6		µg/l	1.00	100		72.6	40-140		
2,4,5-Trichlorophenol	80.4		µg/l	5.00	100		80.4	40-130		
Pentachlorophenol	84.7		µg/l	1.00	100		84.7	30-130		
2,4,6-Trichlorophenol	65.4		µg/l	5.00	100		65.4	40-130		
Hexachlorobutadiene	64.7		µg/l	0.500	100		64.7	40-140		
Surrogate: 2-Fluorobiphenyl	*87.6*		µg/l		*100*		*87.6*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*87.6*		µg/l		*100*		*87.6*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*87.6*		µg/l		*100*		*87.6*	*30-130*		
Surrogate: 2-Fluorophenol	*81.0*		µg/l		*100*		*81.0*	*15-110*		
Surrogate: 2-Fluorophenol	*81.0*		µg/l		*100*		*81.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*97.5*		µg/l		*100*		*97.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*97.5*		µg/l		*100*		*97.5*	*30-130*		
Surrogate: Phenol-d5	*74.4*		µg/l		*100*		*74.4*	*15-110*		
Surrogate: Phenol-d5	*74.4*		µg/l		*100*		*74.4*	*15-110*		
Surrogate: Terphenyl-d14	*89.6*		µg/l		*100*		*89.6*	*30-130*		
Surrogate: Terphenyl-d14	*89.6*		µg/l		*100*		*89.6*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120827 - SW846 3510C										
LCS (6120827-BS1)										
Prepared: 12-Dec-06 Analyzed: 14-Dec-06										
Surrogate: Terphenyl-dl4	*89.6*		µg/l		*100*		*89.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*88.4*		µg/l		*100*		*88.4*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*88.4*		µg/l		*100*		*88.4*	*15-110*		
Batch 6121008 - SW846 3510C										
Blank (6121008-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121008 - SW846 3510C										
Blank (6121008-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	5.00						
Phenanthrene	BRL		µg/l	0.050						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*72.6*		µg/l		*100*		*72.6*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*72.6*		µg/l		*100*		*72.6*	*30-130*		
Surrogate: 2-Fluorophenol	*91.1*		µg/l		*100*		*91.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*88.8*		µg/l		*100*		*88.8*	*30-130*		
Surrogate: Phenol-d5	*85.8*		µg/l		*100*		*85.8*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121008 - SW846 3510C										
Blank (6121008-BLK1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Surrogate: Terphenyl-dl4	*84.7*		µg/l		*100*		*84.7*	*30-130*		
Surrogate: Terphenyl-dl4	*84.7*		µg/l		*100*		*84.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*80.6*		µg/l		*100*		*80.6*	*15-110*		
LCS (6121008-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Acenaphthene	77.6		µg/l	0.050	100		77.6	40-140		
Acenaphthene	77.6		µg/l	5.00	100		77.6	40-130		
Acenaphthylene	78.9		µg/l	5.00	100		78.9	40-130		
Acenaphthylene	78.9		µg/l	0.050	100		78.9	40-140		
1-Methylnaphthalene	74.8		µg/l	0.050	100		74.8	40-140		
Aniline	59.8		µg/l	5.00	100		59.8	40-130		
Anthracene	77.2		µg/l	0.050	100		77.2	40-140		
Anthracene	77.2		µg/l	5.00	100		77.2	40-130		
Atrazine	165		µg/l	5.00	100		165	0-200		
Azobenzene/Diphenyldiazine	88.3		µg/l	5.00	100		88.3	40-130		
Benzidine	45.3		µg/l	5.00	100		45.3	40-130		
Benzo (a) anthracene	82.9		µg/l	0.050	100		82.9	40-140		
Benzo (a) anthracene	82.9		µg/l	5.00	100		82.9	40-130		
Benzo (a) pyrene	82.1		µg/l	5.00	100		82.1	40-130		
Benzo (a) pyrene	82.1		µg/l	0.050	100		82.1	40-140		
Benzo (b) fluoranthene	81.6		µg/l	5.00	100		81.6	40-130		
Benzo (b) fluoranthene	81.6		µg/l	0.050	100		81.6	40-140		
Benzo (g,h,i) perylene	93.6		µg/l	5.00	100		93.6	40-130		
Benzo (g,h,i) perylene	93.6		µg/l	0.050	100		93.6	40-140		
Benzo (k) fluoranthene	60.0		µg/l	5.00	100		60.0	40-130		
Benzo (k) fluoranthene	60.0		µg/l	0.050	100		60.0	40-140		
Benzoic acid	1.15	QC2	µg/l	5.00	100		1.15	40-130		
Benzyl alcohol	73.7		µg/l	5.00	100		73.7	40-130		
Bis(2-chloroethoxy)methane	77.6		µg/l	5.00	100		77.6	40-130		
Bis(2-chloroethyl)ether	80.6		µg/l	5.00	100		80.6	40-130		
Bis(2-chloroisopropyl)ether	147	QC2	µg/l	5.00	100		147	40-130		
Bis(2-ethylhexyl)phthalate	86.2		µg/l	5.00	100		86.2	40-130		
4-Bromophenyl phenyl ether	72.5		µg/l	5.00	100		72.5	40-130		
Butyl benzyl phthalate	87.2		µg/l	5.00	100		87.2	40-130		
Carbazole	90.8		µg/l	5.00	100		90.8	40-130		
4-Chloro-3-methylphenol	83.0		µg/l	5.00	100		83.0	40-130		
4-Chloroaniline	72.1		µg/l	5.00	100		72.1	40-130		
2-Chloronaphthalene	69.9		µg/l	5.00	100		69.9	40-130		
2-Chlorophenol	71.1		µg/l	5.00	100		71.1	40-130		
4-Chlorophenyl phenyl ether	79.7		µg/l	5.00	100		79.7	40-130		
Chrysene	81.1		µg/l	5.00	100		81.1	40-130		
Chrysene	81.1		µg/l	0.050	100		81.1	40-140		
Dibenzo (a,h) anthracene	90.1		µg/l	5.00	100		90.1	40-130		
Dibenzo (a,h) anthracene	90.1		µg/l	0.050	100		90.1	40-140		
Dibenzofuran	68.9		µg/l	5.00	100		68.9	40-130		
1,2-Dichlorobenzene	68.3		µg/l	5.00	100		68.3	40-130		
1,3-Dichlorobenzene	65.3		µg/l	5.00	100		65.3	40-130		
1,4-Dichlorobenzene	65.8		µg/l	5.00	100		65.8	40-130		
3,3'-Dichlorobenzidine	93.0		µg/l	5.00	100		93.0	40-130		
2,4-Dichlorophenol	72.1		µg/l	5.00	100		72.1	40-130		
Diethyl phthalate	90.8		µg/l	5.00	100		90.8	40-130		
Dimethyl phthalate	80.3		µg/l	5.00	100		80.3	40-130		
2,4-Dimethylphenol	72.0		µg/l	5.00	100		72.0	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121008 - SW846 3510C										
LCS (6121008-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Di-n-butyl phthalate	83.6		µg/l	5.00	100		83.6	40-130		
4,6-Dinitro-2-methylphenol	96.5		µg/l	5.00	100		96.5	40-130		
2,4-Dinitrophenol	95.6		µg/l	5.00	100		95.6	40-130		
2,4-Dinitrotoluene	90.6		µg/l	5.00	100		90.6	40-130		
2,6-Dinitrotoluene	86.5		µg/l	5.00	100		86.5	40-130		
Di-n-octyl phthalate	80.1		µg/l	5.00	100		80.1	40-130		
Fluoranthene	81.2		µg/l	5.00	100		81.2	40-130		
Fluoranthene	81.2		µg/l	0.050	100		81.2	40-140		
Fluorene	80.7		µg/l	5.00	100		80.7	40-130		
Fluorene	80.7		µg/l	0.050	100		80.7	40-140		
Hexachlorobenzene	65.6		µg/l	5.00	100		65.6	40-130		
Hexachlorobutadiene	62.1		µg/l	5.00	100		62.1	40-130		
Hexachlorocyclopentadiene	69.1		µg/l	5.00	100		69.1	40-130		
Hexachloroethane	75.2		µg/l	5.00	100		75.2	40-130		
Indeno (1,2,3-cd) pyrene	97.2		µg/l	5.00	100		97.2	40-130		
Indeno (1,2,3-cd) pyrene	97.2		µg/l	0.050	100		97.2	40-140		
Isophorone	75.8		µg/l	5.00	100		75.8	40-130		
2-Methylnaphthalene	64.0		µg/l	5.00	100		64.0	40-130		
2-Methylnaphthalene	64.0		µg/l	0.050	100		64.0	40-140		
2-Methylphenol	70.0		µg/l	5.00	100		70.0	40-130		
3,4-Methylphenol	71.3		µg/l	10.0	100		71.3	40-130		
Naphthalene	63.6		µg/l	5.00	100		63.6	40-130		
Naphthalene	63.6		µg/l	0.050	100		63.6	40-140		
2-Nitroaniline	92.0		µg/l	5.00	100		92.0	40-130		
3-Nitroaniline	90.5		µg/l	5.00	100		90.5	40-130		
4-Nitroaniline	117		µg/l	20.0	100		117	40-130		
Nitrobenzene	74.7		µg/l	5.00	100		74.7	40-130		
2-Nitrophenol	76.3		µg/l	5.00	100		76.3	40-130		
4-Nitrophenol	79.8		µg/l	20.0	100		79.8	40-130		
N-Nitrosodimethylamine	72.2		µg/l	5.00	100		72.2	40-130		
N-Nitrosodi-n-propylamine	42.8		µg/l	5.00	100		42.8	40-130		
N-Nitrosodiphenylamine	78.9		µg/l	5.00	100		78.9	40-130		
Pentachlorophenol	92.2		µg/l	20.0	100		92.2	40-130		
Phenanthrene	74.2		µg/l	5.00	100		74.2	40-130		
Phenanthrene	74.2		µg/l	0.050	100		74.2	40-140		
Phenol	80.2		µg/l	5.00	100		80.2	40-130		
Pyrene	74.2		µg/l	5.00	100		74.2	40-130		
Pyrene	74.2		µg/l	0.050	100		74.2	40-140		
Pyridine	78.0		µg/l	5.00	100		78.0	40-130		
Hexachlorobenzene	65.6		µg/l	1.00	100		65.6	40-140		
Hexachloroethane	75.2		µg/l	1.00	100		75.2	40-140		
1,2,4-Trichlorobenzene	63.8		µg/l	5.00	100		63.8	40-130		
1-Methylnaphthalene	74.8		µg/l	5.00	100		74.8	40-140		
2,4,5-Trichlorophenol	83.0		µg/l	5.00	100		83.0	40-130		
Pentachlorophenol	92.2		µg/l	1.00	100		92.2	30-130		
Hexachlorobutadiene	62.1		µg/l	0.500	100		62.1	40-140		
2,4,6-Trichlorophenol	67.2		µg/l	5.00	100		67.2	40-130		
Surrogate: 2-Fluorobiphenyl	*84.2*		µg/l		*100*		*84.2*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*84.2*		µg/l		*100*		*84.2*	*30-130*		
Surrogate: 2-Fluorophenol	*85.0*		µg/l		*100*		*85.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*94.9*		µg/l		*100*		*94.9*	*30-130*		
Surrogate: Phenol-d5	*75.1*		µg/l		*100*		*75.1*	*15-110*		
Surrogate: Terphenyl-dl4	*91.0*		µg/l		*100*		*91.0*	*30-130*		
Surrogate: Terphenyl-dl4	*91.0*		µg/l		*100*		*91.0*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121008 - SW846 3510C										
LCS (6121008-BS1)										
Prepared: 14-Dec-06 Analyzed: 15-Dec-06										
Surrogate: 2,4,6-Tribromophenol	*91.4*		*µg/l*		*100*		*91.4*	*15-110*		
Batch 6121029 - SW846 3550B										
Duplicate (6121029-DUP1)	Source: SA55489-05									
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Acenaphthene	BRL		µg/kg dry	195		BRL				50
Acenaphthylene	BRL		µg/kg dry	195		BRL				50
Aniline	BRL		µg/kg dry	195		BRL				50
Anthracene	25.3	J	µg/kg dry	195		26.6			5.01	50
Atrazine	BRL		µg/kg dry	195		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	195		BRL				50
Benzidine	BRL		µg/kg dry	195		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	195		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	195		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	195		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	195		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	195		21.5				50
Benzoic acid	BRL		µg/kg dry	195		BRL				50
Benzyl alcohol	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	195		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	195		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	195		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	195		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	195		BRL				50
Carbazole	BRL		µg/kg dry	195		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	195		BRL				50
4-Chloroaniline	BRL		µg/kg dry	195		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	195		BRL				50
2-Chlorophenol	BRL		µg/kg dry	195		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	195		BRL				50
Chrysene	BRL		µg/kg dry	195		24.6				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	195		BRL				50
Dibenzofuran	BRL		µg/kg dry	195		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	195		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	195		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	195		BRL				50
Diethyl phthalate	BRL		µg/kg dry	195		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	195		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	195		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	195		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	195		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	195		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	195		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	195		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	195		BRL				50
Fluoranthene	59.2	J	µg/kg dry	195		64.0			7.79	50
Fluorene	BRL		µg/kg dry	195		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	195		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	195		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	195		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121029 - SW846 3550B										
Duplicate (6121029-DUP1)	Source: SA55489-05									
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Hexachloroethane	BRL		µg/kg dry	195		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	195		BRL				50
Isophorone	BRL		µg/kg dry	195		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	195		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	195		BRL				50
2-Methylphenol	BRL		µg/kg dry	195		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	195		BRL				50
Naphthalene	BRL		µg/kg dry	195		BRL				50
2-Nitroaniline	BRL		µg/kg dry	195		BRL				50
3-Nitroaniline	BRL		µg/kg dry	195		BRL				50
4-Nitroaniline	BRL		µg/kg dry	782		BRL				50
Nitrobenzene	BRL		µg/kg dry	195		BRL				50
2-Nitrophenol	BRL		µg/kg dry	195		BRL				50
4-Nitrophenol	BRL		µg/kg dry	782		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	195		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	195		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	195		BRL				50
Pentachlorophenol	BRL		µg/kg dry	195		BRL				50
Phenanthrene	122	J	µg/kg dry	195		200			48.4	50
Phenol	BRL		µg/kg dry	195		BRL				50
Pyrene	97.9	J	µg/kg dry	195		137			33.3	50
Pyridine	BRL		µg/kg dry	195		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	195		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	195		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	195		BRL				50
Surrogate: 2-Fluorobiphenyl	*1370*		µg/kg dry		*1970*		*69.5*	*30-130*		
Surrogate: 2-Fluorophenol	*1100*		µg/kg dry		*1970*		*55.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*1130*		µg/kg dry		*1970*		*57.4*	*30-130*		
Surrogate: Phenol-d5	*1180*		µg/kg dry		*1970*		*59.9*	*15-110*		
Surrogate: Terphenyl-d14	*1770*		µg/kg dry		*1970*		*89.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1370*		µg/kg dry		*1970*		*69.5*	*15-110*		
Matrix Spike (6121029-MS1)	Source: SA55489-05									
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Acenaphthene	2440		µg/kg dry	201	4050	BRL	60.2	40-140		
4-Chloro-3-methylphenol	3930		µg/kg dry	201	8100	BRL	48.5	30-130		
2-Chlorophenol	3990		µg/kg dry	201	8100	BRL	49.3	30-130		
1,4-Dichlorobenzene	2090		µg/kg dry	201	4050	BRL	51.6	40-140		
2,4-Dinitrotoluene	1960		µg/kg dry	201	4050	BRL	48.4	40-140		
4-Nitrophenol	2770		µg/kg dry	802	8100	BRL	34.2	30-130		
N-Nitrosodi-n-propylamine	2170		µg/kg dry	201	4050	BRL	53.6	40-140		
Pentachlorophenol	4250		µg/kg dry	201	8100	BRL	52.5	30-130		
Phenol	3780		µg/kg dry	201	8100	BRL	46.7	30-130		
Pyrene	3050		µg/kg dry	201	4050	137	71.9	40-140		
1,2,4-Trichlorobenzene	2220		µg/kg dry	201	4050	BRL	54.8	40-140		
Surrogate: 2-Fluorobiphenyl	*2840*		µg/kg dry		*4050*		*70.1*	*30-130*		
Surrogate: 2-Fluorophenol	*1940*		µg/kg dry		*4050*		*47.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*2030*		µg/kg dry		*4050*		*50.1*	*30-130*		
Surrogate: Phenol-d5	*2200*		µg/kg dry		*4050*		*54.3*	*15-110*		
Surrogate: Terphenyl-d14	*3440*		µg/kg dry		*4050*		*84.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3300*		µg/kg dry		*4050*		*81.5*	*15-110*		
Matrix Spike Dup (6121029-MSD1)	Source: SA55489-05									
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
Acenaphthene	2070		µg/kg dry	199	4020	BRL	51.5	40-140	15.6	30
4-Chloro-3-methylphenol	3730		µg/kg dry	199	8050	BRL	46.3	30-130	4.64	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121029 - SW846 3550B										
Matrix Spike Dup (6121029-MSD1)	Source: SA55489-05									
Prepared: 14-Dec-06 Analyzed: 16-Dec-06										
2-Chlorophenol	3700		µg/kg dry	199	8050	BRL	46.0	30-130	6.93	30
1,4-Dichlorobenzene	1750		µg/kg dry	199	4020	BRL	43.5	40-140	17.0	30
2,4-Dinitrotoluene	1780		µg/kg dry	199	4020	BRL	44.3	40-140	8.85	30
4-Nitrophenol	2140	QM7	µg/kg dry	797	8050	BRL	26.6	30-130	25.0	30
N-Nitrosodi-n-propylamine	2050		µg/kg dry	199	4020	BRL	51.0	40-140	4.97	30
Pentachlorophenol	3800		µg/kg dry	199	8050	BRL	47.2	30-130	10.6	30
Phenol	3240		µg/kg dry	199	8050	BRL	40.2	30-130	15.0	30
Pyrene	2630		µg/kg dry	199	4020	137	62.0	40-140	14.8	30
1,2,4-Trichlorobenzene	2070		µg/kg dry	199	4020	BRL	51.5	40-140	6.21	30
Surrogate: 2-Fluorobiphenyl	*2450*		µg/kg dry		*4020*		*60.9*	*30-130*		
Surrogate: 2-Fluorophenol	*1960*		µg/kg dry		*4020*		*48.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2080*		µg/kg dry		*4020*		*51.7*	*30-130*		
Surrogate: Phenol-d5	*1970*		µg/kg dry		*4020*		*49.0*	*15-110*		
Surrogate: Terphenyl-d14	*2920*		µg/kg dry		*4020*		*72.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2670*		µg/kg dry		*4020*		*66.4*	*15-110*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120966 - SW846 3005A										
Blank (6120966-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Lead	BRL		mg/l	0.0075						
Antimony	BRL		mg/l	0.0060						
Thallium	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
LCS (6120966-BS1)										
Prepared & Analyzed: 15-Dec-06										
Nickel	0.484		mg/l	0.0050	0.500		96.8	85-115		
Zinc	0.488		mg/l	0.0050	0.500		97.6	85-115		
Lead	0.485		mg/l	0.0075	0.500		97.0	85-115		
Antimony	0.453		mg/l	0.0060	0.500		90.6	85-115		
Selenium	0.459		mg/l	0.0150	0.500		91.8	85-115		
Thallium	0.467		mg/l	0.0050	0.500		93.4	85-115		
Chromium	0.485		mg/l	0.0050	0.500		97.0	85-115		
Cadmium	0.489		mg/l	0.0025	0.500		97.8	85-115		
Beryllium	0.480		mg/l	0.0020	0.500		96.0	85-115		
Arsenic	0.459		mg/l	0.0040	0.500		91.8	85-115		
Copper	0.495		mg/l	0.0050	0.500		99.0	85-115		
Barium	0.528		mg/l	0.0050	0.500		106	85-115		
Silver	0.437		mg/l	0.0050	0.500		87.4	85-115		
LCS Dup (6120966-BSD1)										
Prepared & Analyzed: 15-Dec-06										
Selenium	0.458		mg/l	0.0150	0.500		91.6	85-115	0.218	20
Lead	0.480		mg/l	0.0075	0.500		96.0	85-115	1.04	20
Zinc	0.482		mg/l	0.0050	0.500		96.4	85-115	1.24	20
Thallium	0.465		mg/l	0.0050	0.500		93.0	85-115	0.429	20
Antimony	0.450		mg/l	0.0060	0.500		90.0	85-115	0.664	20
Nickel	0.477		mg/l	0.0050	0.500		95.4	85-115	1.46	20
Silver	0.431		mg/l	0.0050	0.500		86.2	85-115	1.38	20
Barium	0.521		mg/l	0.0050	0.500		104	85-115	1.33	20
Arsenic	0.455		mg/l	0.0040	0.500		91.0	85-115	0.875	20
Beryllium	0.473		mg/l	0.0020	0.500		94.6	85-115	1.47	20
Cadmium	0.485		mg/l	0.0025	0.500		97.0	85-115	0.821	20
Chromium	0.477		mg/l	0.0050	0.500		95.4	85-115	1.66	20
Copper	0.491		mg/l	0.0050	0.500		98.2	85-115	0.811	20
Duplicate (6120966-DUP1)	Source: SA55400-01									
Prepared & Analyzed: 15-Dec-06										
Selenium	BRL		mg/l	0.0150		0.0083				20
Lead	0.0060	J	mg/l	0.0075		0.0063			4.88	20
Antimony	0.0193		mg/l	0.0060		0.0200			3.56	20
Nickel	0.556		mg/l	0.0050		0.560			0.717	20
Thallium	BRL		mg/l	0.0050		BRL				20
Zinc	0.208		mg/l	0.0050		0.219			5.15	20

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120966 - SW846 3005A										
Duplicate (6120966-DUP1)	Source: SA55400-01									
Prepared & Analyzed: 15-Dec-06										
Chromium	0.608		mg/l	0.0050		0.612			0.656	20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0.00	20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	0.0028	J	mg/l	0.0040		BRL				20
Copper	0.0342		mg/l	0.0050		0.0337			1.47	20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.0454		mg/l	0.0050		0.0457			0.659	20
Matrix Spike (6120966-MS1)	Source: SA55456-04									
Prepared & Analyzed: 15-Dec-06										
Zinc	0.514		mg/l	0.0050	0.500	0.0478	93.2	75-125		
Thallium	0.455		mg/l	0.0050	0.500	0.0130	88.4	75-125		
Antimony	0.449		mg/l	0.0060	0.500	0.0022	89.4	75-125		
Lead	0.471		mg/l	0.0075	0.500	0.0064	92.9	75-125		
Selenium	0.478		mg/l	0.0150	0.500	0.0120	93.2	75-125		
Nickel	0.469		mg/l	0.0050	0.500	0.0082	92.2	75-125		
Chromium	0.492		mg/l	0.0050	0.500	0.0128	95.8	75-125		
Barium	0.644		mg/l	0.0050	0.500	0.114	106	75-125		
Beryllium	0.476		mg/l	0.0020	0.500	BRL	95.2	75-125		
Copper	0.513		mg/l	0.0050	0.500	0.0132	100	75-125		
Silver	0.439		mg/l	0.0050	0.500	0.0022	87.4	75-125		
Cadmium	0.478		mg/l	0.0025	0.500	0.0006	95.5	75-125		
Arsenic	0.469		mg/l	0.0040	0.500	BRL	93.8	75-125		
Matrix Spike Dup (6120966-MSD1)	Source: SA55456-04									
Prepared & Analyzed: 15-Dec-06										
Zinc	0.506		mg/l	0.0050	0.500	0.0478	91.6	75-125	1.57	20
Lead	0.464		mg/l	0.0075	0.500	0.0064	91.5	75-125	1.50	20
Thallium	0.455		mg/l	0.0050	0.500	0.0130	88.4	75-125	0.00	20
Antimony	0.444		mg/l	0.0060	0.500	0.0022	88.4	75-125	1.12	20
Nickel	0.465		mg/l	0.0050	0.500	0.0082	91.4	75-125	0.857	20
Selenium	0.471		mg/l	0.0150	0.500	0.0120	91.8	75-125	1.48	20
Cadmium	0.472		mg/l	0.0025	0.500	0.0006	94.3	75-125	1.26	20
Chromium	0.487		mg/l	0.0050	0.500	0.0128	94.8	75-125	1.02	20
Beryllium	0.468		mg/l	0.0020	0.500	BRL	93.6	75-125	1.69	20
Silver	0.435		mg/l	0.0050	0.500	0.0022	86.6	75-125	0.915	20
Barium	0.637		mg/l	0.0050	0.500	0.114	105	75-125	1.09	20
Copper	0.514		mg/l	0.0050	0.500	0.0132	100	75-125	0.195	20
Arsenic	0.465		mg/l	0.0040	0.500	BRL	93.0	75-125	0.857	20
Post Spike (6120966-PS1)	Source: SA55456-04									
Prepared & Analyzed: 15-Dec-06										
Nickel	0.465		mg/l	0.0050	0.500	0.0082	91.4	80-120		
Zinc	0.510		mg/l	0.0050	0.500	0.0478	92.4	80-120		
Lead	0.464		mg/l	0.0075	0.500	0.0064	91.5	80-120		
Selenium	0.470		mg/l	0.0150	0.500	0.0120	91.6	80-120		
Thallium	0.462		mg/l	0.0050	0.500	0.0130	89.8	80-120		
Copper	0.512		mg/l	0.0050	0.500	0.0132	99.8	80-120		
Arsenic	0.466		mg/l	0.0040	0.500	BRL	93.2	80-120		
Barium	0.627		mg/l	0.0050	0.500	0.114	103	80-120		
Cadmium	0.474		mg/l	0.0025	0.500	0.0006	94.7	80-120		
Beryllium	0.473		mg/l	0.0020	0.500	BRL	94.6	80-120		
Silver	0.455		mg/l	0.0050	0.500	0.0022	90.6	80-120		
Chromium	0.489		mg/l	0.0050	0.500	0.0128	95.2	80-120		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121067 - EPA200/SW7000 Series										
Blank (6121067-BLK1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	BRL		mg/kg wet	0.0292						
Duplicate (6121067-DUP1)	**Source: SA55456-01**									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.0128	J,QR1	mg/kg dry	0.0386		0.0089			35.9	35
Matrix Spike (6121067-MS1)	**Source: SA55495-01**									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.705	QM7	mg/kg dry	0.0343	0.476	0.100	127	75-125		
Post Spike (6121067-PS1)	**Source: SA55495-01**									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.799	QC1	mg/kg dry	0.0352	0.489	0.100	143	75-125		
Reference (6121067-SRM1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	1.22		mg/kg wet	0.0300	1.46		83.6	66-132.6		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120968 - EPA200/SW7000 Series										
Blank (6120968-BLK1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120968-BS1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00250		mg/l	0.00020	0.00250		100	80-120		
Duplicate (6120968-DUP1)	Source: SA55456-04									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	BRL		mg/l	0.00020		0.00005				20
Matrix Spike (6120968-MS1)	Source: SA55456-05									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00244		mg/l	0.00020	0.00250	BRL	97.6	75-125		
Matrix Spike Dup (6120968-MSD1)	Source: SA55456-05									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00278		mg/l	0.00020	0.00250	BRL	111	75-125	13.0	20
Post Spike (6120968-PS1)	Source: SA55456-05									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00251		mg/l	0.00020	0.00250	BRL	100	75-125		
Batch 6121065 - EPA 200 Series										
Blank (6121065-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Selenium	BRL		mg/kg wet	1.49						
Antimony	BRL		mg/kg wet	1.49						
Nickel	BRL		mg/kg wet	0.497						
Zinc	0.849	QB1	mg/kg wet	0.497						
Thallium	BRL		mg/kg wet	1.49						
Silver	BRL		mg/kg wet	0.993						
Copper	BRL		mg/kg wet	0.497						
Arsenic	BRL		mg/kg wet	1.49						
Chromium	BRL		mg/kg wet	0.497						
Cadmium	BRL		mg/kg wet	0.248						
Lead	BRL		mg/kg wet	0.745						
Beryllium	BRL		mg/kg wet	0.199						
LCS (6121065-BS1)										
Prepared & Analyzed: 15-Dec-06										
Silver	115		mg/kg wet	1.00	125		92.0	85-115		
Selenium	127		mg/kg wet	1.50	125		102	85-115		
Nickel	123		mg/kg wet	0.500	125		98.4	85-115		
Zinc	132		mg/kg wet	0.500	125		106	85-115		
Antimony	120		mg/kg wet	1.50	125		96.0	85-115		
Thallium	116		mg/kg wet	1.50	125		92.8	85-115		
Cadmium	128		mg/kg wet	0.250	125		102	85-115		
Lead	121		mg/kg wet	0.750	125		96.8	85-115		
Beryllium	127		mg/kg wet	0.200	125		102	85-115		
Copper	125		mg/kg wet	0.500	125		100	85-115		
Chromium	125		mg/kg wet	0.500	125		100	85-115		
Arsenic	123		mg/kg wet	1.50	125		98.4	85-115		
Duplicate (6121065-DUP1)	Source: SA54367-01									
Prepared & Analyzed: 15-Dec-06										
Thallium	BRL		mg/kg dry	1.71		BRL				35

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Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121065 - EPA 200 Series										
Duplicate (6121065-DUP1)	Source: SA54367-01									
Prepared & Analyzed: 15-Dec-06										
Nickel	23.4		mg/kg dry	0.570		20.3			14.2	35
Silver	BRL		mg/kg dry	1.14		BRL				35
Zinc	150		mg/kg dry	0.570		139			7.61	35
Selenium	1.30	J	mg/kg dry	1.71		1.09			17.6	35
Antimony	2.04		mg/kg dry	1.71		1.86			9.23	35
Cadmium	0.929		mg/kg dry	0.285		0.852			8.65	35
Arsenic	3.68		mg/kg dry	1.71		3.44			6.74	35
Copper	148	QR5	mg/kg dry	0.570		265			56.7	35
Chromium	19.6		mg/kg dry	0.570		18.6			5.24	35
Beryllium	0.758		mg/kg dry	0.228		0.687			9.83	35
Lead	185		mg/kg dry	0.855		226			20.0	35
Matrix Spike (6121065-MS1)	Source: SA55456-01									
Prepared & Analyzed: 15-Dec-06										
Selenium	148		mg/kg dry	1.92	160	0.924	91.9	70-130		
Nickel	166		mg/kg dry	0.639	160	54.0	70.0	70-130		
Silver	145		mg/kg dry	1.28	160	BRL	90.6	70-130		
Thallium	128		mg/kg dry	1.92	160	0.441	79.7	70-130		
Antimony	147	QM7	mg/kg dry	1.92	160	55.0	57.5	70-130		
Zinc	430	QM7	mg/kg dry	0.639	160	556	NR	70-130		
Arsenic	156		mg/kg dry	1.92	160	1.99	96.3	70-130		
Beryllium	151		mg/kg dry	0.256	160	0.169	94.3	70-130		
Cadmium	148		mg/kg dry	0.320	160	1.97	91.3	70-130		
Chromium	170	QM7	mg/kg dry	0.639	160	129	25.6	70-130		
Lead	730	QM4X	mg/kg dry	0.959	160	59.9	419	70-130		
Copper	382	QM7	mg/kg dry	0.639	160	286	60.0	70-130		
Post Spike (6121065-PS1)	Source: SA55456-01									
Prepared & Analyzed: 15-Dec-06										
Selenium	140		mg/kg dry	1.78	149	0.924	93.3	85-115		
Silver	131		mg/kg dry	1.19	149	BRL	87.9	85-115		
Thallium	122	QC1	mg/kg dry	1.78	149	0.441	81.6	85-115		
Arsenic	143		mg/kg dry	1.78	149	1.99	94.6	85-115		
Beryllium	137		mg/kg dry	0.238	149	0.169	91.8	85-115		
Cadmium	136		mg/kg dry	0.297	149	1.97	90.0	85-115		
Lead	543	QM4X	mg/kg dry	0.891	149	59.9	324	85-115		
Reference (6121065-SRM1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Antimony	113		mg/kg wet	1.50	56.7		199	0-222.8		
Thallium	79.1		mg/kg wet	1.50	85.3		92.7	75.8-124.2		
Nickel	46.2		mg/kg wet	0.500	51.2		90.2	81.6-118.4		
Silver	46.2		mg/kg wet	1.00	48.6		95.1	61.2-139		
Zinc	53.6		mg/kg wet	0.500	58.7		91.3	79.1-120.4		
Selenium	66.2		mg/kg wet	1.50	69.3		95.5	75.7-124.3		
Beryllium	49.7		mg/kg wet	0.200	51.2		97.1	82-117.6		
Lead	54.8		mg/kg wet	0.750	60.2		91.0	80.7-119.3		
Cadmium	45.0		mg/kg wet	0.250	47.8		94.1	81.5-118.8		
Arsenic	71.8		mg/kg wet	1.50	75.8		94.7	79.8-120.2		
Chromium	57.0		mg/kg wet	0.500	60.2		94.7	78.6-121.4		
Copper	40.2		mg/kg wet	0.500	41.7		96.4	82.6-118		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121180 - SW846 3010A										
Blank (6121180-BLK1)										
Prepared & Analyzed: 15-Dec-06										
Nickel	BRL		mg/l	0.0050						
Zinc	0.0088	QB1	mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Copper	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
LCS (6121180-BS1)										
Prepared & Analyzed: 15-Dec-06										
Lead	1.15		mg/l	0.0075	1.25		92.0	73.6-104		
Selenium	1.33		mg/l	0.0150	1.25		106	80.2-121		
Nickel	1.17		mg/l	0.0050	1.25		93.6	61-94.5		
Zinc	1.30	QC3	mg/l	0.0050	1.25		104	65.3-98.5		
Thallium	1.08		mg/l	0.0050	1.25		86.4	56.2-93.6		
Antimony	1.19	QC3	mg/l	0.0060	1.25		95.2	69.1-93.2		
Chromium	1.21		mg/l	0.0050	1.25		96.8	83.9-117		
Silver	1.18		mg/l	0.0100	1.25		94.4	71.9-121		
Copper	1.36		mg/l	0.0050	1.25		109	61.3-117		
Beryllium	1.22	QC3	mg/l	0.0020	1.25		97.6	63.3-94.3		
Cadmium	1.28		mg/l	0.0025	1.25		102	83.5-109		
Arsenic	1.32		mg/l	0.0150	1.25		106	81.2-117		
LCS Dup (6121180-BSD1)										
Prepared & Analyzed: 15-Dec-06										
Nickel	1.08		mg/l	0.0050	1.25		86.4	61-94.5	8.00	20
Zinc	1.20		mg/l	0.0050	1.25		96.0	65.3-98.5	8.00	20
Selenium	1.21		mg/l	0.0150	1.25		96.8	80.2-121	9.45	20
Thallium	1.01		mg/l	0.0050	1.25		80.8	56.2-93.6	6.70	20
Antimony	1.09		mg/l	0.0060	1.25		87.2	69.1-93.2	8.77	20
Lead	1.05		mg/l	0.0075	1.25		84.0	73.6-104	9.09	20
Cadmium	1.17		mg/l	0.0025	1.25		93.6	83.5-109	8.98	20
Arsenic	1.20		mg/l	0.0150	1.25		96.0	81.2-117	9.52	20
Beryllium	1.11		mg/l	0.0020	1.25		88.8	63.3-94.3	9.44	20
Chromium	1.11		mg/l	0.0050	1.25		88.8	83.9-117	8.62	20
Silver	1.07		mg/l	0.0100	1.25		85.6	71.9-121	9.78	20
Copper	1.24		mg/l	0.0050	1.25		99.2	61.3-117	9.23	20
Duplicate (6121180-DUP1)	**Source: SA55565-02**									
Prepared & Analyzed: 15-Dec-06										
Lead	0.0063	J,QR1	mg/l	0.0075		0.0097			42.5	20
Thallium	BRL		mg/l	0.0050		0.0052				20
Zinc	0.0613	QR6	mg/l	0.0050		0.103			50.8	20
Selenium	0.0072	J	mg/l	0.0150		0.0064			11.8	20
Nickel	0.0024	J	mg/l	0.0050		0.0026			8.00	20
Antimony	BRL		mg/l	0.0060		0.0039				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	0.0006	J,QR1	mg/l	0.0025		0.0008			28.6	20
Copper	0.0054	J,QR1	mg/l	0.0055		0.0094			54.1	20

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121180 - SW846 3010A										
Duplicate (6121180-DUP1)	**Source: SA55565-02**									
Prepared & Analyzed: 15-Dec-06										
Chromium	BRL		mg/l	0.0050		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Matrix Spike (6121180-MS1)	**Source: SA55466-01**									
Prepared & Analyzed: 15-Dec-06										
Lead	1.08		mg/l	0.0075	1.25	0.0058	85.9	62.7-106		
Thallium	1.00		mg/l	0.0050	1.25	0.0044	79.6	47.2-91.7		
Nickel	1.16		mg/l	0.0050	1.25	0.0650	87.6	48.7-94.9		
Zinc	1.97		mg/l	0.0050	1.25	0.794	94.1	44.5-106		
Selenium	1.24		mg/l	0.0150	1.25	BRL	99.2	74.4-124		
Antimony	1.11		mg/l	0.0060	1.25	BRL	88.8	56.5-98.9		
Chromium	1.19		mg/l	0.0050	1.25	0.0414	91.9	77-122		
Cadmium	1.18		mg/l	0.0025	1.25	0.0006	94.4	74-112		
Arsenic	1.21		mg/l	0.0150	1.25	BRL	96.8	75.4-121		
Silver	1.11		mg/l	0.0100	1.25	BRL	88.8	58.9-127		
Beryllium	1.16		mg/l	0.0020	1.25	0.0001	92.8	47.7-99.3		
Copper	1.49		mg/l	0.0050	1.25	0.232	101	52.1-113		
Matrix Spike Dup (6121180-MSD1)	**Source: SA55466-01**									
Prepared & Analyzed: 15-Dec-06										
Selenium	1.30		mg/l	0.0150	1.25	BRL	104	74.4-124	4.72	35
Nickel	1.21		mg/l	0.0050	1.25	0.0650	91.6	48.7-94.9	4.22	35
Thallium	1.05		mg/l	0.0050	1.25	0.0044	83.6	47.2-91.7	4.88	35
Zinc	2.07		mg/l	0.0050	1.25	0.794	102	44.5-106	4.95	35
Antimony	1.17		mg/l	0.0060	1.25	BRL	93.6	56.5-98.9	5.26	35
Lead	1.13		mg/l	0.0075	1.25	0.0058	89.9	62.7-106	4.52	35
Silver	1.16		mg/l	0.0100	1.25	BRL	92.8	58.9-127	4.41	20
Arsenic	1.28		mg/l	0.0150	1.25	BRL	102	75.4-121	5.62	35
Chromium	1.23		mg/l	0.0050	1.25	0.0414	95.1	77-122	3.31	35
Cadmium	1.24		mg/l	0.0025	1.25	0.0006	99.2	74-112	4.96	35
Copper	1.57		mg/l	0.0050	1.25	0.232	107	52.1-113	5.23	35
Beryllium	1.21		mg/l	0.0020	1.25	0.0001	96.8	47.7-99.3	4.22	35
Post Spike (6121180-PS1)	**Source: SA55466-01**									
Prepared & Analyzed: 15-Dec-06										
Nickel	1.24		mg/l	0.0050	1.25	0.0650	94.0	80-120		
Antimony	1.17		mg/l	0.0060	1.25	BRL	93.6	80-120		
Lead	1.15		mg/l	0.0075	1.25	0.0058	91.5	80-120		
Zinc	2.12		mg/l	0.0050	1.25	0.794	106	80-120		
Thallium	1.10		mg/l	0.0050	1.25	0.0044	87.6	80-120		
Selenium	1.33		mg/l	0.0150	1.25	BRL	106	80-120		
Arsenic	1.30		mg/l	0.0150	1.25	BRL	104	80-120		
Copper	1.60		mg/l	0.0050	1.25	0.232	109	80-120		
Chromium	1.26		mg/l	0.0050	1.25	0.0414	97.5	80-120		
Beryllium	1.23		mg/l	0.0020	1.25	0.0001	98.4	80-120		
Cadmium	1.26		mg/l	0.0025	1.25	0.0006	101	80-120		
Silver	1.21		mg/l	0.0100	1.25	BRL	96.8	80-120		
Batch 6121181 - EPA200/SW7000 Series										
Blank (6121181-BLK1)										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6121181-BS1)										

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6121181 - EPA200/SW7000 Series										
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00268		mg/l	0.00040	0.00250		107	63.3-124		
Duplicate (6121181-DUP1)	Source: SA55565-02									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6121181-MS1)	Source: SA55466-01									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00264		mg/l	0.00040	0.00250	BRL	106	53.1-126		
Matrix Spike Dup (6121181-MSD1)	Source: SA55466-01									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00274		mg/l	0.00040	0.00250	BRL	110	53.1-126	3.72	35
Post Spike (6121181-PS1)	Source: SA55466-01									
Prepared: 15-Dec-06 Analyzed: 18-Dec-06										
Mercury	0.00249		mg/l	0.00040	0.00250	BRL	99.6	75-125		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120879 - General Preparation										
Duplicate (6120879-DUP1)	Source: SA55395-01									
Prepared & Analyzed: 12-Dec-06										
pH	8.30		pH Units			8.19			1.33	5
Reference (6120879-SRM1)										
Prepared & Analyzed: 12-Dec-06										
pH	7.04		pH Units		7.00		101	90-110		
Batch 6121111 - General Preparation										
Duplicate (6121111-DUP1)	Source: SA55071-03									
Prepared & Analyzed: 14-Dec-06										
Flashpoint	> 200		°F			0				35
Reference (6121111-SRM1)										
Prepared & Analyzed: 14-Dec-06										
Flashpoint	76		°F		75.0		101	85-115		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120875 - General Preparation										
Duplicate (6120875-DUP1)	Source: SA55425-03									
Prepared & Analyzed: 12-Dec-06										
pH	7.28		pH Units			7.29			0.137	5
Reference (6120875-SRM1)										
Prepared & Analyzed: 12-Dec-06										
pH	6.93		pH Units		7.00		99.0	90-110		
Batch 6121053 - General Preparation										
Duplicate (6121053-DUP1)	Source: SA55108-01									
Prepared & Analyzed: 14-Dec-06										
% Solids	92.0		%			89.2			3.09	20
Batch 6121250 - General Preparation										
Duplicate (6121250-DUP1)	Source: SA55456-12									
Prepared & Analyzed: 15-Dec-06										
Flashpoint	> 200		°F			> 200		81-119		
Reference (6121250-SRM1)										
Prepared & Analyzed: 15-Dec-06										
Flashpoint	75		°F		75.0		100	81-119		

Notes and Definitions

*TPH	Calculated as
__RE	Reanalysis for data confirmation.
_F	> 200
Comp	Completed
E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
FP	Field Preserved
QB1	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: Busway - W. Hartford, CT	Busway - W. Hartford, CT/ 171-305
This Form Provides certifications for the following data set: SA55456-01 SA55456-11 SA55456-02 SA55456-12 SA55456-03 SA55456-13 SA55456-04 SA55456-14 SA55456-05 SA55456-06 SA55456-07 SA55456-08 SA55456-09 SA55456-10	List Specific Analytical Methods Used: +CT ETPH SW846 8270C/EPA 625 : +SW846 8100Mod. SW846 9020B EPA 150.1 SW846 9023 EPA 200.7 SW846 9045C EPA 245.1/7470A SW846 9076 EPA415.1 VOC SM2540 G Mod. SW 846 8260B SW846 1010 SW846 1311 SW846 1311/6010B SW846 1311/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C
Sample Matrices: Aqueous Soil/Sediment	

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☐ Yes ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☐ Yes ☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☐ Yes ☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 12/19/2006

SAS54360

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-18-06
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
359 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MDE

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER # 1527
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway Project - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: pH	Flashpoint	Tox 9020B	VHC's - 8260	TPH - 8100M	CTEPH	SVOCs - Base Neutrals 8270	SVOA - Base Neutrals Acid Extractables	Total RCRA 8 Metals	Total Priority Poll Metals	TCLP Priority Poll Metals	PCBs - 8082 Aroclors - 8082	QA Reporting Notes:
SAS54360 01	FD-1	12-11-06		G	SL		3	2			X	X	X	X	X			X		X	X	X	
02	FD-2			G	SL		3	2			X	X	X	X	X			X		X	X	X	
03	FD-3			G	SL		3	2			X	X	X	X	X			X		X	X	X	
04	GP-3			G	GW		3	2		1				X		X	X		X				
05	GP-4						3	3		1				X		X	X					X	
06	ESC-MW-6						3	2		1				X		X	X						
07	ESC-MW-7						3	2		1				X		X	X						
08	ESC-MW-11						3	4		1				X		X		X				X	X
09	ESC-MW-13						3	2		1				X		X	X						
10	ESC-MW-14						3	3		1				X		X	X		X			X	

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other

State specific reporting standards: CTDEP GB PMC RDEC SWPC

☐ Fax results when available to (____)
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C Ice

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/12/06	12:45PM
DCC	[signature]	12/12/06	1750

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

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CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12-18 or best
- All TATs subject to laboratory approval ASAP
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stolz - MDE

Invoice To: CTDOT - DAS Contract
RUSH ORDER # 1527
P.O. No.: RQN:

Project No.: 121-305
Site Name: Busway - Flatbush Station
Location: W. Hartford State: CT
Sampler(s): C. Knight / C. Criscuolo

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=Blank Water X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses: VOCs-8260	8100 m TPH	CTETPH	SVOCs-Base Neutrals 8270	SVOCs-Base Neutrals And Extract. 8270 Modified	Total RCRA 8 Metals	Total PP13 Metals	PCBs - 8082	pH	Flashpoint	TOX - 9020B
SAS54560-11	ESC-MW-16	12-1-06		G	GW		3	2		1		X		X	X		X					
12	OD-GRAB	↓		↓	GW		3	3		1		X	X	[redacted]		X		X	X	X	X	X
13	FORMER OWS	↓		↓	WW		3	3		1		X	X			X		X	X	X	X	X
14	TB-4	↓			X1		1					X										

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report
- QA/QC Reporting Level: ☒ Standard ☐ No QC ☐ Other
- State specific reporting standards: CTDEP SWPL + RVDL

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 5.1C

Relinquished by:	Received by:	Date:	Time:
[signature] DEC	[signature]	12/12/06	12:26 PM
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