APPENDIX I

SUMMARY OF SOIL VAPOR AND SVE SYSTEM ANALYTICAL DATA

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill

Sample ID:	A1	A1 Dup	A1 Re-run	A2	A2A	A2B	A2C	A2E	A2E R	A2G	A2i	A2K	A3	A3A	A3B	A3C	A 3-55	A 3-55	A3K	A4	A4A
nce from landfill perimeter (ft):	5'	5'	5'	5'	15'	25'	35'	55'	55'	75'	95'	115'	7'	15'	25'	35'	55'	55'	125'	7'	15'
Date Sampled:	9/7/94	9/7/94	9/7/94	9/7/94	9/7/94	9/8/94	9/8/94	9/9/94	9/9/94	9/9/94	9/9/94	9/9/94	9/7/94	9/7/94	9/8/94	9/8/94	9/10/94	9/10/94	9/9/94	9/7/94	9/7/94
Time Sampled:	13:30	18:55	18:32	14:15	16:15	14:00	17:40	8:10	8:59	9:40	10:30	11:15	14:55	16:55	14:40	18:20	15:05	15:30	12:30	15:35	17:30
Date Analyzed:	9/7/94	9/7/94	9/7/94	9/7/94	9/7/94	9/8/94	9/8/94	9/9/94	9/9/94	9/9/94	9/9/94	9/9/94	9/7/94	9/7/94	9/8/94	9/8/94	9/10/94	9/10/94	9/9/94	9/7/94	9/7/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	56 E	< 1.0	< 1.0	31 E	32 E	39 E	13	69 E	33 E	31 E	30 E	1.6	37 E	38 E	45 E	11	130	160 E	24 E	33 E	35 E
1,1-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	1.1	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 100	< 25	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
1,1 Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 20	< 1.0	< 1.0	< 1.0
Chloroform	< 1.0	< 1.0	< 1.0	16	11	22	22	13	12	3.6	< 1.0	< 1.0	20	20	24 E	24 E	28	21	< 1.0	4.7	16
1,1,1-Trichloroethane	< 1.0	< 1.0	< 1.0	4.4	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	< 1.0	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 20	< 5.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Trichloroethene	< 1.0	< 1.0	< 1.0	2.8	< 1.0	< 1.0	2.6	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	4.6	25	1.1	1.8	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	52	< 5.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	65	< 5.0	< 1.0	< 1.0	< 1.0
Benzene	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 40	< 10	< 2.0	< 2.0	< 2.0
Tetrahydrofuran √	< 20	< 20	< 20	< 20	< 20	28	27	< 40	< 20	< 20	< 20	< 20	< 20	< 20	30	27	< 400	< 100	< 20	< 20	< 20
Toluene	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 40	< 10	< 2.0	< 2.0	< 2.0
Methyl ethyl ketone	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 200	< 50	< 10	< 10	< 10
Methyl iso-butyl ketone	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 200	< 50	< 10	< 10	< 10
1,2-Dibromocthane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 40	< 10	< 2.0	< 2.0	< 2.0
Total Xylenes	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	42	< 10	< 2.0	< 2.0	< 2.0

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill

Sample ID:	A4B	A 4-E	A 4-E	A4-E	A4K	A5	A5A	A5B	A5K	A5M	A5M	A5	A6	A-6	A6B	A 6-E	A 6-G	A6	A7	A8	A9
nce from landfill perimeter (ft):	25'	55'	55'	55'	115'	5'	15'	25'	110'	130'	130' Dup	150'	5'	5'	25'	55'	75'	150'	5'	5'	5'
Date Sampled:	9/8/94	9/10/94	9/10/94	9/10/94	9/9/94	9/8/94	9/8/94	9/8/94	9/9/94	9/9/94	9/9/94	9/9/94	9/8/94	9/10/94	9/8/94	9/10/94	9/10/94	9/9/94	9/8/94	9/8/94	9/8/94
Time Sampled:	15:20	11:45	12:45	13:25	13:20	7:15	11:00	16:30	14:45	15:50	16:30	17:05	7:47	14:25	17:05	16:45	17:05	17:50	8:13	8:48	9:20
Date Analyzed:	9/8/94	9/10/94	9/10/94	9/10/94	9/9/94	9/8/94	9/8/94	9/8/94	9/9/94	9/9/94	9/9/94	9/9/94	9/8/94	9/10/94	9/8/94	9/10/94	9/10/94	9/9/94	9/8/94	9/8/94	9/8/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	45 E	110	73	51	30 E	11	32 E	47 E	29 E	32 E	33 E	35 E	< 1.0	13	61 E	230 E	180 E	35 E	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	2	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	< 5.0	< 100	< 25	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 25	< 25	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1 Dichloroethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	23 E	37	59	< 5.0	< 1.0	24 E	22	5.7	10	4.1	1.7	1.0	5.1	< 5.0	94 E	72	39	1.6	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	5.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	7.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	< 1.0	< 20	< 5.0	< 5.0	< 1.0	5.9	< 1.0	4.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	5.3	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	8.2	< 1.0	4.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	3.2	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	9.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	6.1	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	< 1.0	< 20	< 5.0	< 5.0	< 1.0	3.9	< 1.0	3.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	5.5	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	< 1.0	52	12	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	12	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	< 1.0	66	15	15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	15	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	< 2.0	< 40	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0
Tetrahydrofuran √	< 20	< 400	< 100	< 100	< 20	32	30	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 20	< 100	< 100	< 20	< 20	< 20	< 20
Toluene	< 2.0	< 40	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0
Methyl ethyl ketone	< 10	< 200	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 50	< 50	< 10	< 10	< 10	< 10
Methyl iso-butyl ketone	< 10	< 200	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 50	< 50	< 10	< 10	< 10	< 10
1,2-Dibromocthane	< 1.0	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 2.0	< 40	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0
Total Xylenes	< 2.0	41	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 10	< 10	< 2.0	< 2.0	< 2.0	< 2.0

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill
Unit B

Sample ID:	A10	A11	A 2-5	A 2-5	A 4-5	A 4-5	A 4-5	A 4-5	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B11-Dup
nce from landfill perimeter (ft):	5'	5'	5'	5' Dup	5'	5'	5'	5'	5'	5'	5'	5'	5'	5'	5'	5'	5'	7'	7'	7'
Date Sampled:	9/8/94	9/8/94	9/10/94	9/10/94	9/10/94	9/10/94	9/10/94	9/10/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94
Time Sampled:	9:50	10:30	6:45	8:20	8:55	9:25	10:22	11:05	8:20	8:50	9:50	10:20	11:20	12:10	12:40	13:45	14:15	15:45	16:20	16:45
Date Analyzed:	9/8/94	9/8/94	9/10/94	9/10/94	9/10/94	9/10/94	9/10/94	9/10/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94	9/11/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	< 1.0	< 1.0	200	130	120	8.9	230 E	490 E	50 E	39	28	15	11	14	< 2.0	< 1.0	28 E	< 1.0	18	21
1,1-Dichloroethene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	7.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	< 5.0	< 5.0	< 100	< 100	< 100	< 25	< 25	< 50	< 5.0	< 25	< 25	< 5.0	< 25	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 50	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1 Dichloroethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 50	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 50	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	< 1.0	< 1.0	190	120	76	15	110	270 E	29 E	110	150 E	24 E	16.0	21	2.4	< 1.0	13	< 1.0	15	15
1,1,1-Trichloroethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	7.3	33	18	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	7.7	< 5.0	21	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	2.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	1.2	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	9.2	24	19	1.5	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	< 1.0	< 1.0	54	48	46	12	12	24	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	< 1.0	< 1.0	63	58	56	15	15	30	< 1.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	< 2.0	< 2.0	< 40	< 40	< 40	< 10	< 10	< 20	< 2.0	< 10	< 10	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Tetrahydrofuran √	< 20	< 20	< 400	< 400	< 400	< 100	130	310	37	130	170	34	< 100	< 40	< 40	< 20	< 20	< 20	< 20	< 20
Toluene	< 2.0	< 2.0	< 40	< 40	< 40	< 10	< 10	< 20	< 2.0	< 10	< 10	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl ethyl ketone	< 10	< 10	< 200	< 200	< 200	< 50	< 50	< 100	< 10	< 50	< 50	< 10	< 20	< 20	< 20	< 10	< 10	< 10	< 10	< 10
Methyl iso-butyl ketone	< 10	< 10	< 200	< 200	< 200	< 50	< 50	< 100	< 10	< 50	< 50	< 10	< 20	< 20	< 20	< 10	< 10	< 10	< 10	< 10
1,2-Dibromocthane	< 1.0	< 1.0	< 20	< 20	< 20	< 5.0	< 5.0	< 10	< 10	< 5.0	< 5.0	< 1.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 2.0	< 2.0	< 40	< 40	< 40	< 10	< 10	< 20	< 2.0	< 10	< 10	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Xylenes	< 2.0	< 2.0	42	40	< 40	9.9	10	< 20	< 2.0	< 10	< 10	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill

Sample ID:	B12	B13	B14	B15	B16	B17	B18	B19	B19-Dup	B20	B1-B	B1-B	B2-B	B2-100	B3-D	B4-B	B4-100	B5-B	B6-B	B6-100	B7-B
nce from landfill perimeter (ft):	7'	7'	10'	9'	5'	5'	5'	5'	5'	5'	25'	25'	25'	100'	45'	25'	100'	25'	25'	100'	25'
Date Sampled:	9/11/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/13/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94
Time Sampled:	17:30	7:50	8:40	9:20	9:40	10:25	11:05	11:35	12:15	12:45	7:15	7:45	8:30	7:20	9:00	9:30	7:53	10:05	10:40	8:25	11:15
Date Analyzed:	9/11/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/12/94	9/13/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	21	5.3	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	9.6	< 20	< 4.0	86 E	76	55	59 E	50	33	110 E	41	43	110 E	61E
1,1-Dichloroethene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	4.1	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Methylene Chloride	< 5.0	< 25	< 25	< 25	< 25	< 20	< 20	< 20	< 100	< 20	< 10	< 25	< 25	< 5.0	< 25	< 25	< 10	< 25	< 25	< 10	< 10
trans-1,2-Dichloroethene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
1,1 Dichloroethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Chloroform	37 E	54 E	59 E	63 E	>60*	110 E	72	120 E	52	93 E	59 E	77	120 E	26 E	41	38	16	26	19	19	24
1,1,1-Trichloroethane	< 1.0	< 2.0	< 2.0	< 2.0	**	< 4.0	< 4.0	< 4.0	< 20	< 4.0	4.5	< 5.0	13	1.2	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 1.0
Carbon Tetrachloride	6.2	< 2.0	3.7	< 2.0	3.4	< 4.0	< 4.0	< 4.0	< 20	< 4.0	6.2	< 5.0	5.3	5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 1.0
1,2-Dichloroethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Trichloroethene	4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Bromodichloromethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
cis-1,3-Dichloropropene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
trans-1,3-Dichloropropene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
1,1,2-Trichloroethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Tetrachloroethene	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	9.2	5.4	23	1.4	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Dibromochloromethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Bromoform	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
1,1,2,2-Tetrachloroethane	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
1,3-Dichlorobenzene	< 1.0	5.1	4.9	5.4	4.6	9.8	11	11	55	12	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
1,2-Dichlorobenzene	< 1.0	5.8	5.7	6.1	5.7	12	11	11	60	13	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Benzene	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	< 8.0	< 8.0	< 40	< 8.0	< 4.0	< 10	< 10	< 2.0	< 10	< 10	< 4.0	< 10	< 10	< 4.0	< 4.0
Tetrahydrofuran √	35	67	71	< 40	40	140	94	140	< 400	90	79	< 100	160	27	< 100	< 100	< 40	< 100	< 100	< 40	< 80
Toluene	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	< 8.0	< 8.0	< 40	< 8.0	< 4.0	< 10	< 10	< 2.0	< 10	< 10	< 4.0	< 10	< 10	< 4.0	< 4.0
Methyl ethyl ketone	< 10	< 50	< 50	< 50	< 50	< 40	< 40	< 40	< 200	< 40	< 20	< 50	< 50	< 10	< 50	< 50	< 20	< 50	< 50	< 20	< 20
Methyl iso-butyl ketone	< 10	< 50	< 50	< 50	< 50	< 40	< 40	< 40	< 200	< 40	< 20	< 50	< 50	< 10	< 50	< 50	< 20	< 50	< 50	< 20	< 20
1,2-Dibromocthane	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0
Ethylbenzene	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	< 8.0	< 8.0	< 40	< 8.0	< 4.0	< 10	< 10	< 2.0	< 10	< 10	< 4.0	< 10	< 10	< 4.0	< 4.0
Total Xylenes	< 2.0	4.3	4.2	4.3	4.2	8.3	8.2	8.3	41	8.3	< 4.0	< 10	< 10	< 2.0	< 10	< 10	< 4.0	< 10	< 10	< 4.0	< 4.0

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill

Sample ID:	B8-B	B8-100	B9-B	B10-B	B10-70	B11-B	B12-B	B12-100	B13-B	B14-B	B14-110	B15-B	B15-B	B16-B	B16-100	B17-B	B18-B	B18-100	B19-B	B19-Dup	B20-B
nce from landfill perimeter (ft):	25'	100'	25'	25'	70'	25'	25'	100'	25'	25'	110'	25'	25' Dup	25'	100'	25'	25'	100'	25'	5'	25'
Date Sampled:	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/14/94	9/14/94	9/14/94	9/15/94	9/14/94	9/14/94	9/15/94	9/14/94	9/12/94	9/14/94
Time Sampled:	11:50	9:00	12:15	13:00	9:37	13:30	14:00	10:07	14:30	15:00	10:45	11:15	11:45	10:35	11:20	9:53	9:23	11:50	8:50	17:15	8:20
Date Analyzed:	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/13/94	9/13/94	9/15/94	9/14/94	9/14/94	9/14/94	9/15/94	9/14/94	9/14/94	9/15/94	9/14/94	9/12/94	9/14/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	22	100 E	49 E	9.3	60 E	32 E	18	8.4	11	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	4.5	< 5.0	< 4.0	< 5.0
1,1-Dichloroethene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 4.0	< 5.0
Methylene Chloride	< 10	< 10	< 5.0	< 5.0	< 10	< 5.0	< 10	< 10	< 12	< 25	< 10	< 25	< 25	< 25	< 10	< 5.0	< 25	< 10	< 25	< 20	< 25
trans-1,2-Dichloroethene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 4.0	< 5.0
1,1 Dichloroethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 4.0	< 5.0
cis-1,2-Dichloroethene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 4.0	< 5.0
Chloroform	6.2	12	14	2.7	2.4	23 E	53 E	21	77	46	23	67	180 E	67	45 E	66	111 E	31	41	73	80
1,1,1-Trichloroethane	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Carbon Tetrachloride	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	3.8	< 2.0	8.4	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
1,2-Dichloroethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Trichloroethene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Bromodichloromethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
cis-1,3-Dichloropropene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
trans-1,3-Dichloropropene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
1,1,2-Trichloroethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Tetrachloroethene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Dibromochloromethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Bromoform	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
1,1,2,2-Tetrachloroethane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
1,3-Dichlorobenzene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
1,2-Dichlorobenzene	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Benzene	< 4.0	< 4.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0	< 10	< 4.0	< 10	< 10	< 10	< 4.0	< 2.0	< 10	< 4.0	< 10	< 8.0	< 10
Tetrahydrofuran √	< 80	< 40	< 20	< 20	< 40	32	61	< 40	170	< 100	< 40	< 100	430 E	< 100	43	< 20	< 100	< 40	< 100	53	< 100
Toluene	< 4.0	< 4.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0	< 10	< 4.0	< 10	< 10	< 10	< 4.0	< 2.0	< 10	< 4.0	< 10	< 8.0	< 10
Methyl ethyl ketone	< 20	< 20	< 10	< 10	< 20	< 10	< 20	< 20	< 25	< 50	< 20	< 50	< 50	< 50	< 20	< 10	< 50	< 20	< 50	< 40	< 50
Methyl iso-butyl ketone	< 20	< 20	< 10	< 10	< 20	< 10	< 20	< 20	< 25	< 50	< 20	< 50	< 50	< 50	< 20	< 10	< 50	< 20	< 50	< 40	< 50
1,2-Dibromocthane	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 2.0	< 5.0	< 1.0	< 5.0
Ethylbenzene	< 4.0	< 4.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0	< 10	< 4.0	< 10	< 10	< 10	< 4.0	< 2.0	< 10	< 4.0	< 10	< 8.0	< 10
Total Xylenes	< 4.0	< 4.0	< 2.0	< 2.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0	< 10	< 4.0	< 10	< 10	< 10	< 4.0	< 2.0	< 10	< 4.0	< 10	< 8.0	< 10

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-1
Summary of Soil Vapor Data from Terra Tech (1994)
Page Trowbridge Ranch Landfill

Sample ID:	B20-100	B20-100	B21	B21-B	B21-B	B21-B	B22	B22-Dup	B22-B	B22-100	B22-100	B23-Trip	B23-Quad	B23-B	B-EAST	A-EAST
ance from landfill perimeter (ft):	100'	100'	5'	25'	25'	25' Dup	5'	5'	25'	100'	100'	5'	5'	25'	90'	100'
Date Sampled:	9/15/94	9/15/94	9/12/94	9/13/94	9/14/94	9/14/94	9/12/94	9/12/94	9/13/94	9/15/94	9/15/94	9/12/94	9/12/94	9/13/94	9/15/94	9/15/94
Time Sampled:	13:15	14:45	13:20	17:05	7:25	7:52	13:50	14:40	16:00	13:45	14:15	16:10	16:35	15:30	15:15	15:45
Date Analyzed:	9/15/94	9/15/94	9/12/94	9/13/94	9/14/94	9/14/94	9/12/94	9/12/94	9/13/94	9/15/94	9/15/94	9/12/94	9/12/94	9/13/94	9/15/94	9/15/94
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Analytes	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)	(mg/m^3)
Trichlorofluoromethane	< 2.0	2.3	7.9	< 5.0	< 5.0	< 5.0	15	9.8	14	17	17	31	20	25	61 E	130 E
1,1-Dichloroethene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Methylene Chloride	< 10	< 10	< 20	< 25	< 25	< 25	< 20	< 20	< 25	< 10	< 10	< 20	< 20	< 25	< 5.0	< 10
trans-1,2-Dichloroethene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
1,1 Dichloroethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
cis-1,2-Dichloroethene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Chloroform	< 2.0	6.6	120 E	16	46	80	120 E	45.0	96	31	23	55	31	61	21	< 2.0
1,1,1-Trichloroethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Carbon Tetrachloride	< 2.0	< 2.0	13	< 5.0	< 5.0	< 5.0	15	< 4.0	5.1	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	5.8	< 2.0
1,2-Dichloroethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Trichloroethene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Bromodichloromethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
cis-1,3-Dichloropropene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
trans-1,3-Dichloropropene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
1,1,2-Trichloroethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Tetrachloroethene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Dibromochloromethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Bromoform	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
1,1,2,2-Tetrachloroethane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
1,3-Dichlorobenzene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
1,2-Dichlorobenzene	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Benzene	< 4.0	< 4.0	< 8.0	< 10	< 10	< 10	< 8.0	< 8.0	< 10	< 4.0	< 4.0	< 8.0	< 8.0	< 10	< 2.0	< 4.0
Tetrahydrofuran √	< 40	< 40	110	< 100	< 100	< 100	110	< 80	< 100	< 40	< 40	< 80	< 80	< 100	21	< 40
Toluene	< 4.0	< 4.0	< 8.0	< 10	< 10	< 10	< 8.0	< 8.0	< 10	< 4.0	< 4.0	< 8.0	< 8.0	< 10	< 2.0	< 4.0
Methyl ethyl ketone	< 20	< 20	< 40	< 50	< 50	< 50	< 40	< 40	< 50	< 20	< 20	< 40	< 40	< 50	< 10	< 20
Methyl iso-butyl ketone	< 20	< 20	< 40	< 50	< 50	< 50	< 40	< 40	< 50	< 20	< 20	< 40	< 40	< 50	< 10	< 20
1,2-Dibromocthane	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< 1.0	< 2.0
Ethylbenzene	< 4.0	< 4.0	< 8.0	< 10	< 10	< 10	< 8.0	< 8.0	< 10	< 4.0	< 4.0	< 8.0	< 8.0	< 10	< 2.0	< 4.0
Total Xylenes	< 4.0	< 4.0	< 8.0	< 10	< 10	< 10	< 8.0	< 8.0	< 10	< 4.0	< 4.0	< 8.0	< 8.0	< 10	< 2.0	< 4.0

Notes:
E = Estimated concentration; sample exceeded calibration range.
< - Not detected at the specified quantitation limit.
All samples collected at 10' unless otherwise noted. Sample A4-5 @ 10:22 is 25' deep;
Sample A4-5 @ 11:05 is 5' deep. Sample A4-E @ 11:45 is 5' deep; @ 12:45 is 10' deep;
@ 13:25 is 15' deep. Sample a3-55 @ 15:05 is 10' deep; @ 15:30 is 18' deep.
Sample A6-E @ 16:45 is 9' deep. Sample A6-G @ 17:05 is 9' deep.
√ - Estimated quantitation limit for this compound.

Note: Reproduced from Table 3 in AMEC, 2009, Human Health Risk Assessment

Table I-2
Summary of Surface Soil Gas Data from Perimeter Sampling Event (Weston 2003)
Page-Trowbridge Ranch Landfill, Pinal County, Arizona
(mg/m^3)

Sample ID	Depth of Sample (ft bgs)	Sample Date	TCE	PCE
DP-SG-003-005	5	7/29/2002	6.3	3.9
DP-SG-004-005	5	7/29/2002	5.0	3.2
DP-SG-005-005	5	7/29/2002	3.4	2.1
DP-SG-006-005	5	7/29/2002	5.4	4.1
DP-SG-007-005	5	7/29/2002	1.4	1.4
DP-SG-009-005	5	7/29/2002	1.4	1.8
DP-SG-010-005	5	7/29/2002	1.8	2.2
DP-SG-015-005	5	7/30/2002	1.9	<1
DP-SG-016-005	5	7/30/2002	1.5	<1
DP-SG-017-005	5	7/30/2002	1.7	<1
DP-SG-019-005	5	7/30/2002	2.5	<1
DP-SG-021-005	5	7/30/2002	2.1	<1
DP-SG-022-005	5	7/30/2002	1.7	<1
DP-SG-023-005	5	7/30/2002	2.1	<1
DP-SG-027-005	5	7/30/2002	1.0	<1
DP-SG-028-005	5	7/30/2002	1.5	<1
DP-SG-031-005	5	7/30/2002	1.0	<1
DP-SG-038-005	5	7/31/2002	<1	1.5
DP-SG-042-005	5	7/31/2002	1.3	<1
DP-SG-043-005	5	7/31/2002	2.3	<1
DP-SG-044-005	5	7/31/2002	1.5	<1
DP-SG-045-005	5	7/31/2002	1.7	1.2
DP-SG-045-009	9	7/31/2002	3.9	2.8
DP-SG-046-004	4	7/31/2002	2.1	1.6
DP-SG-047-005	5	7/31/2002	1.3	<1
DP-SG-048-005	5	7/31/2002	2.3	<1
DP-SG-048-008	8	7/31/2002	3.5	<1
DP-SG-050-005	5	7/31/2002	1.2	<1
DP-SG-050-010	10	7/31/2002	4.7	<1
DP-SG-052-005	5	8/1/2002	1.0	1.2
DP-SG-053-005	5	8/1/2002	1.2	<1
DP-SG-056-005	5	8/1/2002	1.4	<1
DP-SG-057-005	5	8/1/2002	1.6	<1
DP-SG-058-005	5	8/1/2002	2.2	<1
DP-SG-059-005	5	8/1/2002	2.0	<1
DP-SG-060-005	5	8/1/2002	2.9	1.7
DP-SG-061-005	5	8/1/2002	1.5	<1
DP-SG-063-005	5	8/1/2002	1.6	<1
DP-SG-064-005	5	8/1/2002	1.5	<1
DP-SG-065-005	5	8/1/2002	1.5	<1
DP-SG-066-005	5	8/1/2002	1.0	<1

< = indicates contaminant not detected above the practical quantitation limit

(1) Table represents data for PCE/TCE only. The following compounds were detected below the detection limit (detection limits in parentheses, mg/kg): trans 1,2-DCE (2), cis 1,2-DCE (2), Benzene (0.5), TCE (1), Toluene (1), PCE (1), Ethylbenzene (1), Total Xylenes (1.5)
See Figure 3 in Weston 2003 for sampling locations.

Note: Reproduced from Table 4 in AMEC, 2009, Human Health Risk Assessment

Table I-3
Summary of Soil-Gas Data Subsurface Borings (mg/m^3)[1]
Page-Trowbridge Ranch Landfill, Pinal County, Arizona

Soil Boring Location	Soil Vapor Sample Identifier	Sample Date	Benzene	TCE	Toluene	PCE	Total Xylenes	Depth of Sample[2] (fbgs)	% Moisture [2]	Results for Soil Sample[2] (mg/Kg)
SB-1	SB-SG-001-011	8/5/2002	<0.5	4.3	<1	<1	<1.5	10	2	ND
	SB-SG-001-021	8/5/2002	<0.5	3.3	1.3	<1	<1.5	20	3	ND
	SB-SG-001-031	8/5/2002	<0.5	17	<1	<1	<1.5	30	3	ND
	SB-SG-001-041	8/5/2002	<0.5	12	<1	<1	<1.5	40	6	ND
	SB-SG-001-051	8/5/2002	<0.5	12	<1	<1	<1.5	50	10	ND
	SB-SG-001-061	8/5/2002	<0.5	22	<1	<1	<1.5	60	5	ND
	SB-SG-001-071	8/5/2002	<0.5	43	<1	2	<1.5	70	3	ND
	SB-SG-001-081	8/5/2002	<0.5	41	<1	1.8	<1.5	80	10	ND
	SB-SG-001-091	8/6/2002	<0.5	6.2	<1	<1	<1.5	90	5	ND
	SB-SG-001-101	8/6/2002	<0.5	6.4	<1	<1	<1.5	100	14	Chloroform 0.27/0.24
	SB-SG-001-111	8/6/2002	<0.5	4.9	7.9	<1	<1.5	110	7	ND
	SB-SG-001-121	8/7/2002	<0.5	1.2	2.2	<1	<1.5	120	2	ND
	SB-SG-001-131	8/7/2002	<0.5	<1	1.7	<1	<1.5	130	3	ND
	SB-SG-001-141	8/7/2002	<0.5	22	<1	<1	<1.5	140	14	Chloroform 0.12
	SB-SG-001-151	8/7/2002	<0.5	47	<1	2.2	<1.5	150	3	ND
	SB-SG-001-161	8/7/2002	0.53	26	1.8	1.3	<1.5	160	3	BEHP 0.5/<0.33
	SB-SG-001-171	8/8/2002	<0.5	6.1	1.1	<1	<1.5	170	3	BEHP 3.9
	SB-SG-001-191	8/8/2002	<0.5	3.4	<1	<1	<1.5	190	2	BEHP 0.8
SB-2	SB-SG-002-011	8/12/2002	<0.5	3.1	<1	1.8	<1.5	10	10	PCE 0.09
	SB-SG-002-021	8/12/2002	<0.5	6.3	2.7	3.4	<1.5	20	5	ND
	SB-SG-002-031	8/12/2002	<0.5	6.9	3.4	3.6	<1.5	30	6	ND
	SB-SG-002-041	8/12/2002	<0.5	13	3.4	7.3	<1.5	40	8	ND
	SB-SG-002-051	8/12/2002	0.69	58	<1	39	<1.5	50	3	ND
	SB-SG-002-061	8/12/2002	0.64	47	<1	30	<1.5	60	7	ND
	SB-SG-002-071	8/12/2002	0.84	66	<1	**43**	<1.5	70	4	ND
	SB-SG-002-081	8/13/2002	<0.5	3.1	1.6	1.4	<1.5	80	6	ND
	SB-SG-002-091	8/13/2002	0.71	20	1.4	11	<1.5	90	5	ND
	SB-SG-002-101	8/13/2002	<0.5	<1	3.4	<1	<1.5	100	5	Chloroform 0.09
	SB-SG-002-111	8/13/2002	1.3	63	8.9	39	<1.5	110	2	ND
	SB-SG-002-121	8/13/2002	1	57	<1	30	<1.5	120	3	ND
	SB-SG-002-131	8/13/2002	1.3	**75**	<1	40	<1.5	130	5	ND
	SB-SG-002-141	8/13/2002	0.56	17	<1	10	<1.5	140	11	Chloroform 0.25
	SB-SG-002-151	8/14/2002	<0.5	4	<1	2.6	<1.5	150	3	ND
	SB-SG-002-161	8/14/2002	<0.5	4.9	2.5	1.8	<1.5	160	5	ND
	SB-SG-002-171	8/14/2002	**1.7**	7.6	12	2.9	<1.5	170	12/6	ND
	SB-SG-002-181	8/14/2002	0.89	4.2	6.8	1.6	<1.5	180	3	ND
	SB-SG-002-191	8/14/2002	1	34	2.5	11	<1.5	190	5	ND
	SB-SG-002-201	8/14/2002	1.2	32	2.3	9.7	<1.5	200	6	ND

Note: Reproduced from Table 5 in AMEC, 2009, Human Health Risk Assessment

Table 1-3
Summary of Soil-Gas Data Subsurface Borings (mg/m^3)[1]
Page-Trowbridge Ranch Landfill, Pinal County, Arizona

Soil Boring Location	Soil Vapor Sample Identifier	Sample Date	Benzene	TCE	Toluene	PCE	Total Xylenes	Depth of Sample[2] (fbgs)	% Moisture [2]	Results for Soil Sample[2] (mg/Kg)
SB-3	SB-SG-003-011	8/6/2002	<0.5	1	<1	<1	<1.5	10	8	ND
	SB-SG-003-021	8/6/2002	<0.5	3.4	2.3	1.9	<1.5	20	6	ND
	SB-SG-003-031	8/6/2002	<0.5	11	<1	6.8	<1.5	30	8	Chloroform 0.064
	SB-SG-003-041	8/6/2002	<0.5	8.2	1.5	4.9	<1.5	40	10	ND
	SB-SG-003-051	8/9/2002	<0.5	12	<1	6.8	<1.5	50	8	ND
	SB-SG-003-061	8/9/2002	<0.5	11	<1	6.4	<1.5	60	6	ND
	SB-SG-003-071	8/9/2002	1	25	3.6	17	**2.5**	70	6	ND
	SB-SG-003-081	8/9/2002	<0.5	4.1	<1	2.7	<1.5	80	5	Chloroform 0.072
	SB-SG-003-091	8/9/2002	<0.5	4.4	2.2	2.8	<1.5	90	7	ND
	SB-SG-003-101	8/9/2002	1	28	<1	19	<1.5	100	6	ND
	SB-SG-003-111	8/9/2002	1.3	49	<1	37	<1.5	110	3/5	ND
SB-4	SB-SG-004-121	8/15/2002	<0.5	<1	2.2	<1	<1.5	120	3	ND
	SB-SG-004-131	8/15/2002	1.3	40	<1	27	<1.5	130	3	ND
	SB-SG-004-1 [3]	8/15/2002	1.6	43	<1	29	<1.5	140	5	ND
	SB-SG-004-151	8/15/2002	0.81	7.2	2.2	4.6	<1.5	150	2	ND
	SB-SG-004-161	8/15/2002	1	32	<1	21	<1.5	160	9	ND
	SB-SG-004-171	8/16/2002	0.96	27	1.3	17	<1.5	170	5/6	ND
	SB-SG-004-181	8/16/2002	0.8	5.5	**21**	3.1	<1.5	180	14	ND
	SB-SG-004-191	8/16/2002	0.59	<1	3.5	<1	<1.5	190	4/6	ND
	SB-SG-004-201	8/16/2002	<0.5	<1	2.2	<1	<1.5	200	10/5	ND
	Maximum Detected Concentration		1.7E+00	7.5E+01	2.1E+01	4.3E+01	2.5E+00			
	California Shallow Soil Gas Screening Levels--Res		3.6E-02	5.3E-01	1.4E+02	1.8E-01	3.2E+02			
	California Shallow Soil Gas Screening Levels--Ind		1.2E-01	1.8E+00	3.8E+02	6.0E-01	8.8E+02			
	Region 9 Ambient Air PRG		2.5E-04	1.7E-05	4.0E-01	3.3E-04	1.1E-03			

[1] Table presents soil-gas samples with concentrations of contaminants above the practical quantitation limit only. See Appendix C for laboratory data of all samples.
From Table 4 in Weston 2003. *Technical Memorandum Interim Measures Task 1 Soil and Soil Gas Sampling Investigatior*
(2) From Soil Boring Logs in Appendix B of Weston 2003.
(3) Assumed this sample is represents sample from SB-3/SB-4 from 140 fbgs (see Appendix B in Weston 2003)
Note in Appendix B (Weston 2003): Soil Boring SB-3 terminated at 111 fbgs due to refusal; SB-4 contined lithologic description but located 12 feet southwest of SB-3.
< or ND = Not detected above Practical Quantitation Limit

Note: Reproduced from Table 5 in AMEC, 2009, Human Health Risk Assessment

Table I-4
Shallow Soil Vapor Survey December 2007
Page-Trowbridge Ranch Landfill

	Sample ID	SV-1		SV-2		SV-2 (Lab dup)	SV-3		SV-4 [1]		SV-5		SV-6		SV-7		SV-8		SV-14 Dup to SV-8	
	Sample Date	12/18/07		12/18/07		12/18/07	12/18/07		12/18/07		12/18/07		12/18/07		12/18/07		12/18/07		12/18/07	
	Units	ug/m3		ug/m3		ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
	Depth Screen Interval (fbgs)	10		10		10	10		10		10		10		10		10		10	
CAS NUMBER	ANALYTE NAME																			
75-35-4	1,1-Dichloroethene	9.6	U	4.8	U		10	U	4.7	UJ	5	U	4.7	U	5.7	U	5.1	U	5.2	U
78-93-3	2-Butanone (Methyl Ethyl Ketone)	39		40		45	9.1		3.5	UJ	20		48		35		4.9	J	8.5	J
108-10-1	4-Methyl-2-pentanone	13		11		11	10	U	4.9	UJ	10		47		12		5.3	U	5.4	U
67-64-1	Acetone	2200		240		230	89		29	J	210		240		220		86	J	120	J
71-43-2	Benzene	13		38		**40**	8.1	U	3.8	UJ	14		8.4		14		10		8.5	
75-15-0	Carbon Disulfide	7.5	U	17		16	7.9	U	3.7	UJ	11		9.4		24		5.1		4.7	
56-23-5	Carbon Tetrachloride	120		210		200	610		14	J	160		220		450		340		330	
67-66-3	Chloroform	81		800		780	3000		66	J	1200		1900		2000		400		390	
100-41-4	Ethyl Benzene	**34**		6.1		6.2	11	U	5.2	UJ	6.8		5.2	U	6.3	U	5.6	U	5.7	U
108-38-3/106-42-3	m,p-Xylene	99		15		17	25		5.2	UJ	17		12		17		11		11	
95-47-6	o-Xylene	28		7.2		7.4	11	U	5.2	UJ	5.6		5.2	U	6.3	U	5.6	U	5.7	U
1330-20-7	Total Xylenes	**127**		22.2		24.4	30.5		5.2	UJ	22.6		14.6		20.15		13.8		13.85	
75-09-2	Methylene Chloride	8.4	U	4.2	U		8.8	U	4.1	UJ	6.4		4.1	U	5	U	4.6		4.6	U
127-18-4	Tetrachloroethene	16	U	17		15	49		8.1	UJ	8.6	U	8.1	U	9.8	U	8.8	U	9	U
108-88-3	Toluene	**70**		57		52	26		7.2	J	44		22		46		30		26	
79-01-6	Trichloroethene	13	U	31		27	88		6.4	UJ	25		43		75		35		35	
75-69-4	Freon 11 (Fluorotrichloromethane)	930		640		610	1400		38	J	270		220		240		180		180	
75-71-8	Freon 12 (Dichlorodifluoromethane)	50		80		70	370		25	J	340		350		650		480		490	
76-13-1	Freon 113 (1,1,2-Trichlorotrifluoroethane)	160		150		140	360		11	J	70		55		57		36		38	
156-59-2	cis-1,2-Dichloroethene	9.6	U	4.8	U		10	U	4.7	UJ	5	U	4.7	U	5.7	U	5.1	U	5.2	U
71-55-6	1,1,1-Trichloroethane	13	U	6.6	U		14	U	6.5	UJ	6.9	U	6.5	U	7.9	U	7	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U	8.3	U		17	U	8.2	UJ	8.7	U	8.2	U	9.9	U	8.8	U	9.1	U
75-34-3	1,1-Dichloroethane	9.8	U	4.9	U		10	U	4.8	UJ	5.1	U	4.8	U	5.8	U	5.2	U	5.3	U
75-37-6	1,1-Difluoroethane [1]	26	U	13	U		27	U	11000	J	14	U	13	U	16	U	14	U	14	U
107-06-2	1,2-Dichloroethane	9.8	U	4.9	U		10	U	4.8	UJ	5.1	U	4.8	U	5.8	U	5.2	U	5.3	U
78-87-5	1,2-Dichloropropane	11	U	5.6	U		12	U	5.5	UJ	5.8	U	5.5	U	6.7	U	6	U	6.1	U
142-28-9	1,3-Dichloropropane	45	U	22	U		47	U	22	UJ	23	U	22	U	27	U	24	U	24	U
591-78-6	2-Hexanone	40	U	20	U		41	U	19	UJ	21	U	19	U	24	U	21	U	22	U
75-27-4	Bromodichloromethane	16	U	8.1	U		17	U	8	UJ	8.5	U	8	U	9.7	U	8.6	U	8.8	U
75-25-2	Bromoform	25	U	12	U		26	U	12	UJ	13	U	12	U	15	U	13	U	14	U
74-83-9	Bromomethane	9.4	U	4.7	U		9.8	U	4.6	UJ	4.9	U	4.6	U	5.6	U	5	U	5.1	U
108-90-7	Chlorobenzene	11	U	5.6	U		12	U	5.5	UJ	5.8	U	5.5	U	6.6	U	5.9	U	6.1	U
75-00-3	Chloroethane	6.4	U	3.2	U		6.7	U	3.1	UJ	3.3	U	3.1	U	3.8	U	3.4	U	3.5	U
124-48-1	Dibromochloromethane	21	U	10	U		22	U	10	UJ	11	U	10	U	12	U	11	U	11	U
1634-04-4	Methyl tert-butyl ether	8.7	U	4.4	U		9.1	U	4.3	UJ	4.6	U	4.3	U	5.2	U	4.6	U	4.8	U
100-42-5	Styrene	10	U	5.2	U		11	U	5.1	UJ	5.4	U	5.1	U	6.2	U	5.5	U	5.6	U
156-60-5	trans-1,2-Dichloroethene	9.6	U	4.8	U		10	U	4.7	UJ	5	U	4.7	U	5.7	U	5.1	U	5.2	U
75-01-4	Vinyl Chloride	6.2	U	3.1	U		6.5	U	3	UJ	3.2	U	3	U	3.7	U	3.3	U	3.4	U

Note: Reproduced from Table 7 in AMEC, 2009, Human Health Risk Assessment

Table I-4
Shallow Soil Vapor Survey December 2007
Page-Trowbridge Ranch Landfill

	Sample ID **Sample Date** **Units** **Depth Screen Interval (fbgs)**	SV-9 12/18/07 ug/m3 10		SV-10 12/18/07 ug/m3 10		SV-11-10 12/18/07 ug/m3 10		SV-13 12/18/07 ug/m3 10		No. Detected	No. analyzed	FOD %	Maximum Detect (All Samples)	Maximum Detect (shallow samples--along property boundary SV-1 to SV8)
CAS NUMBER	ANALYTE NAME													
75-35-4	1,1-Dichloroethene	96	U	250	U	39	U	190		1	13	8%	190	0
78-93-3	2-Butanone (Methyl Ethyl Ketone)	71	U	180	U	29	U	9.5		10	14	71%	48	48
108-10-1	4-Methyl-2-pentanone	99	U	260	U	40	U	8.1		7	14	50%	47	47
67-64-1	Acetone	260		600	U	160		64		13	14	93%	2200	2200
71-43-2	Benzene	77	U	200	U	32	U	8.9		9	14	64%	40	40
75-15-0	Carbon Disulfide	75	U	200	U	31	U	4.9		8	14	57%	24	24
56-23-5	Carbon Tetrachloride	2600		4400		2400		650		14	14	100%	4400	610
67-66-3	Chloroform	35000		92000		16000		650		14	14	100%	92000	3000
100-41-4	Ethyl Benzene	100	U	270	U	43	U	5.2	U	4	14	29%	34	34
108-38-3/106-42-3	m,p-Xylene	100	U	270	U	43	U	13		10	14	71%	99	99
95-47-6	o-Xylene	100	U	270	U	43	U	5.2	U	4	14	29%	28	28
1330-20-7	Total Xylenes	100	U	270	U	43	U	15.6		10	14	71%	127	127
75-09-2	Methylene Chloride	84	U	220	U	34	U	4.2	U	2	13	15%	6.4	6.4
127-18-4	Tetrachloroethene	160	U	430	U	67	U	320		4	14	29%	320	49
108-88-3	Toluene	91	U	240	U	37	U	25		11	14	79%	70	70
79-01-6	Trichloroethene	1200		3000		1400		130		12	14	86%	3000	88
75-69-4	Freon 11 (Fluorotrichloromethane)	2500		7800		7800		11000	J	14	14	100%	11000	1400
75-71-8	Freon 12 (Dichlorodifluoromethane)	2700		3600		1800		36		14	14	100%	3600	650
76-13-1	Freon 113 (1,1,2-Trichlorotrifluoroethane)	260		620		310		1300		14	14	100%	1300	360
156-59-2	cis-1,2-Dichloroethene	96	U	250	U	39	U	4.8	U	0	13			
71-55-6	1,1,1-Trichloroethane	130	U	340	U	54	U	6.6	U	0	13			
79-34-5	1,1,2,2-Tetrachloroethane	170	U	430	U	68	U	8.3	U	0	13			
75-34-3	1,1-Dichloroethane	98	U	260	U	40	U	4.9	U	0	13			
75-37-6	1,1-Difluoroethane (1)	260	U	680	U	110	U	13	U	1	13	8%	11000	11000 (1)
107-06-2	1,2-Dichloroethane	98	U	250	U	40	U	4.9	U	0	13			
78-87-5	1,2-Dichloropropane	110	U	290	U	46	U	5.6	U	0	13			
142-28-9	1,3-Dichloropropane	450	U	1200	U	180	U	22	U	0	13			
591-78-6	2-Hexanone	400	U	1000	U	160	U	20	U	0	13			
75-27-4	Bromodichloromethane	160	U	420	U	66	U	8.1	U	0	13			
75-25-2	Bromoform	250	U	650	U	100	U	12	U	0	13			
74-83-9	Bromomethane	94	U	240	U	38	U	4.7	U	0	13			
108-90-7	Chlorobenzene	110	U	290	U	46	U	5.6	U	0	13			
75-00-3	Chloroethane	64	U	170	U	26	U	3.2	U	0	13			
124-48-1	Dibromochloromethane	210	U	540	U	84	U	10	U	0	13			
1634-04-4	Methyl tert-butyl ether	87	U	230	U	36	U	4.4	U	0	13			
100-42-5	Styrene	100	U	270	U	42	U	5.2	U	0	13			
156-60-5	trans-1,2-Dichloroethene	96	U	250	U	39	U	4.8	U	0	13			
75-01-4	Vinyl Chloride	62	U	160	U	25	U	3.1	U	0	13			

Notes:
TO-15 analysis; Summa cannister
ND = Not detected above laboratory reporting limit
NA = Not Analyzed
U or UJ = Non Detect above laboratory reporting limit.
J = Estimated Concentration
FOD = Frequency of Detection
(1) Leak detection compound, 1,1-difluoroethane, detected in sample indicating compromised sample results for SV-4

Note: Reproduced from Table 7 in AMEC, 2009, Human Health Risk Assessment

TABLE I-5

ANALYTICAL RESULTS IN INFLUENT AND EFFLUENT SOIL VAPOR SAMPLES FOR SOIL VAPOR EXTRACTION SYSTEM[1,2]

Page-Trowbridge Ranch Landfill

Pinal County, Arizona

Concentrations shown in milligrams per cubic meter (mg/m^3)

	Influent to Treatment Vessels																										
Analyte / Sample Date	**12/19/2008**	**2/13/2009**	**3/13/2009**	**4/8/2009**	**5/15/2009**	**6/19/2009**	**10/15/2009**	**11/30/2009**	**2/25/2010**	**3/31/2010**	**5/10/2010**	**5/28/2010**	**7/9/2010**	**8/12/2010**	**9/1/2010**	**10/7/2010**	**11/2/2010**	**12/13/2010**	**1/13/2011**	**3/24/2011**	**4/12/2011**	**5/18/2011**	**6/9/2011**	**7/7/2011**	**8/9/2011**	**10/4/2011**	**3/8/2012**
1,1,1-Trichloroethane	2.7E+01 U	2.7E+00 U	2.7E+00 U	2.7E+00 U	1.1E+01 U	1.1E+01 U	1.1E+01 U	9.6E-01	1.6E+00 U	1.2E+00 U	1.1E+00 U	1.0E+00 U	6.2E-01 U	5.9E-01 U	5.8E-01 U	8.3E-01 U	4.6E-01	9.0E-01 U	7.1E-01 U	9.8E-01 U	1.3E+00 U	6.7E-01 U	9.6E-01 U	1.1E+00 U	1.3E+00 U	5.7E-01 U	1.5E+00 U
1,1,2,2-Tetrachloroethane	3.5E+01 U	3.6E+00 U	3.6E+00 U	3.5E+00 U	1.4E+01 U	1.4E+00 U	1.4E+01 U	7.0E-01 U	2.1E+00 U	1.5E+00 U	1.4E+00 U	1.3E+00 U	7.8E-01 U	7.5E-01 U	7.3E-01 U	1.0E+00 U	5.6E-01 U	1.1E+00 U	8.9E-01 U	1.2E+00 U	1.7E+00 U	8.5E-01 U	1.2E+00 U	1.4E+00 U	1.6E+00 U	7.1E-01 U	1.9E+00 U
1,1,2-Trichloroethane	2.7E+01 U	2.7E+00 U	2.7E+00 U	2.6E+01 U	1.1E+01 U	1.1E+01 U	1.1E+01 U	5.3E-01 U	1.6E+00 U	1.2E+00 U	1.1E+00 U	1.0E+00 U	6.2E-01 U	5.9E-01 U	5.8E-01 U	8.3E-01 U	4.3E-01 U	9.0E-01 U	7.1E-01 U	9.8E-01 U	1.3E+00 U	6.7E-01 U	9.6E-01 U	1.1E+00 U	1.3E+00 U	5.7E-01 U	1.5E+00 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	5.8E+01	1.9E+01	5.7E+01	5.6E+01	5.2E+01	3.0E+01	7.5E+01	1.7E+01	2.2E+01	2.4E+01	8.6E+00	1.0E+01	1.8E+01	1.8E+01	1.6E+01	1.8E+01	7.9E+00	1.2E+01	1.2E+01	8.6E+00	1.2E+01	1.2E+01	9.2E+00	1.0E+01	8.2E+00	7.2E+00	1.1E+01
1,1-Dichloroethane	2.0E+01 U	2.0E+00 U	2.0E+00 U	2.0E+01 U	8.0E+00 U	8.0E+00 U	8.0E+00 U	1.6E+00	1.2E+00 U	1.0E+00	8.0E-01 U	7.8E-01 U	7.6E-01	7.4E-01	7.2E-01	8.6E-01	6.4E-01	6.7E-01 U	6.4E-01	7.2E-01 U	9.8E-01 U	5.5E-01	7.1E-01 U	8.3E-01 U	9.7E-01 U	4.2E-01 U	1.1E+00 U
1,1-Dichloroethene	2.0E+01 U	2.3E+00	6.7E+00	6.3E+00	7.9E+00 U	3.9E+00	8.7E+00	2.0E+00	2.1E+00	2.5E+00	7.9E-01 U	1.2E+00	1.4E+00	1.6E+00	1.6E+00	1.8E+00	7.9E-01	1.2E+00	1.3E+00	7.1E-01 U	1.4E+00	1.5E+00	7.2E-01	9.9E-01	9.5E-01 U	5.6E-01	1.1E+00 U
1,1-Difluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9E+00 U
1,2,4-Trichlorobenzene	1.5E+02 U	1.5E+01 U	1.5E+01 U	1.5E+02 U	6.0E+01 U	6.1E+01 U	5.9E+01 U	3.0E+00 U	9.0E+00 UJ	6.4E+00 U	6.1E+00 U	5.7E+00 U	3.4E+00 U	3.2E+00 U	3.2E+00 U	4.5E+00 U	2.4E+00 U	4.9E+00 U	3.8E+00 U	5.3E+00 U	7.2E+00 U	3.7E+00 U	5.2E+00 U	6.1E+00 U	7.1E+00 U	3.1E+00 U	8.0E+00 U
1,2,4-Trimethylbenzene	2.5E+01 U	2.6E+00 U	2.4E+01	2.5E+00 U	1.0E+01 U	1.0E+01 U	1.0E+01 U	5.0E-01	1.5E+00 U	1.0E+00 U	1.0E+00 U	9.4E-01 U	5.6E-01 U	5.4E-01 U	5.2E-01 U	7.5E-01 U	4.0E-01 U	8.1E-01 U	6.4E-01 U	8.8E-01 U	1.2E+00 U	6.1E-01 U	8.7E-01 U	1.0E+00 U	1.2E+00 U	5.1E-01 U	1.3E+00 U
1,2-Dibromoethane (EDB)	3.8E+01 U	3.9E+00 U	3.9E+00 U	3.8E+01 U	1.5E+01 U	1.5E+00 U	1.5E+01 U	7.7E-01 U	2.3E+00 U	1.6E+00 U	1.5E+00 U	1.5E+00 U	8.8E-01 U	8.4E-01 U	8.2E-01 U	1.2E+00 U	6.1E-01 U	1.3E+00 U	1.0E+00 U	1.4E+00 U	1.8E+00 U	9.5E-01 U	1.4E+00 U	1.6E+00 U	1.8E+00 U	8.0E-01 U	2.1E+00 U
1,2-Dichlorobenzene	3.0E+01 U	3.1E+00 U	3.1E+00 U	3.0E+00 U	1.2E+01 U	1.2E+01 U	1.2E+01 U	6.0E-01 U	1.8E+00 U	1.3E+00 U	1.2E+00 U	1.2E+00 U	6.8E-01 U	6.6E-01 U	6.4E-01 U	9.1E-01 U	4.8E-01 U	9.9E-01 U	7.8E-01 U	1.1E+00 U	1.4E+00 U	7.4E-01 U	1.1E+00 U	1.2E+00 U	1.4E+00 U	6.2E-01 U	1.6E+00 U
1,2-Dichloroethane	2.0E+01 U	2.1E+00 U	6.5E+00	2.0E+01 U	1.0E+01	6.9E+00	1.8E+01	9.4E+00	4.9E+00	6.4E+00	4.5E+00	3.1E+00	4.4E+00	3.4E+00	4.0E+00	5.1E+00	4.5E+00	3.2E+00	4.4E+00	2.7E+00	2.8E+00	3.6E+00	3.0E+00	3.3E+00	2.7E+00	2.2E+00	5.9E+00
1,2-Dichloropropane	2.3E+01 U	2.4E+00 U	2.4E+00 U	3.8E+00	9.3E+00 U	9.3E+00 U	9.3E+00 U	2.0E+00	1.4E+00 U	1.4E+00	9.3E-01 U	8.8E-01 U	8.9E-01	9.0E-01	8.1E-01	1.1E+00	8.4E-01	7.6E-01 U	8.6E-01	8.3E-01 U	1.1E+00 U	7.6E-01	8.2E-01 U	9.5E-01 U	1.1E+00 U	5.0E-01	1.3E+00
1,3,5-Trimethylbenzene	2.5E+01 U	2.6E+00 U	5.5E+00	2.5E+01 U	1.0E+01 U	1.0E+00 U	1.0E+01 U	5.0E-01 U	1.5E+00 U	1.0E+00 U	1.0E+00 U	9.4E-01 U	5.6E-01 U	5.4E-01 U	5.2E-01 U	7.5E-01 U	4.0E-01 U	8.1E-01 U	6.4E-01 U	8.8E-01 U	1.2E+00 U	6.1E-01 U	8.7E-01 U	1.0E+00 U	1.2E+00 U	5.1E-01 U	1.3E+00 U
1,3-Butadiene	1.1E+01 U	1.1E+00 U	1.1E+00 U	1.1E+00 U	4.5E+00 U	4.5E+00 U	4.5E+00 U	2.2E-01 U	6.7E-01 U	4.7E-01 U	4.5E-01 U	4.2E-01 U	2.5E-01 U	2.4E-01 U	2.4E-01 U	3.4E-01 U	1.8E-01 U	3.6E-01 U	2.9E-01 U	4.0E-01 U	5.4E-01 U	2.7E-01 U	3.9E-01 U	4.5E-01 U	5.3E-01 U	2.3E-01 U	6.0E-01 U
1,3-Dichlorobenzene	3.0E+01 U	3.1E+00 U	3.1E+00 U	2.9E+01 U	1.2E+01 U	1.2E+00 U	1.2E+01 U	6.0E-01 U	1.8E+00 U	1.3E+00 U	1.2E+00 U	1.2E+00 U	6.8E-01 U	6.6E-01 U	6.4E-01 U	9.1E-01 U	4.8E-01 U	9.9E-01 U	7.8E-01 U	1.1E+00 U	1.4E+00 U	7.4E-01 U	1.1E+00 U	1.2E+00 U	1.4E+00 U	6.2E-01 U	1.6E+00 U
1,4-Dichlorobenzene	3.0E+01 U	3.1E+00 U	3.1E+00 U	2.9E+01 U	1.2E+01 U	1.2E+01 U	1.2E+01 U	6.0E-01 U	1.8E+00 U	1.3E+00 U	1.2E+00 U	1.2E+00 U	6.8E-01 U	6.6E-01 U	6.4E-01 U	9.1E-01 U	4.8E-01 U	9.9E-01 U	7.8E-01 U	1.1E+00 U	1.4E+00 U	7.4E-01 U	1.1E+00 U	1.2E+00 U	1.4E+00 U	6.2E-01 U	1.6E+00 U
1,4-Dioxane	--	--	--	--	--	--	--	--	4.4E+00 U	3.1E+00 U	3.0E+00 U	2.8E+00 U	1.6E+00 U	1.6E+00 U	1.5E+00 U	2.2E+00 U	1.2E+00 U	2.4E+00 U	1.9E+00 U	2.6E+00 U	3.5E+00 U	1.8E+00 U	2.5E+00 U	3.0E+00 U	3.4E+00 U	1.5E+00 U	3.9E+00 U
2,2,4-Trimethylpentane	2.3E+01 U	2.4E+00 U	2.4E+00 U	2.3E+01 U	9.3E+00 U	9.3E-01 U	9.3E+00 U	4.7E-01 U	1.4E+00 U	1.0E+00 U	9.3E-01 U	8.9E-01 U	5.3E-01 U	5.1E-01 U	5.0E-01 U	7.1E-01 U	3.7E-01 U	7.7E-01 U	6.0E-01 U	8.4E-01 U	1.1E+00 U	5.8E-01 U	8.2E-01 U	9.6E-01 U	1.1E+00 U	4.8E-01 U	1.3E+00 U
2-Butanone (MEK)	3.0E+01 U	3.0E+00 U	3.0E+00 U	3.0E+00 U	1.2E+01 U	1.2E+01 U	2.9E+00 U	1.8E+00	8.9E-01 U	6.3E-01 U	5.9E-01 U	5.6E-01 U	3.4E-01 U	3.2E-01 U	3.1E-01 U	4.5E-01 U	2.4E-01 U	4.9E-01 U	3.8E-01 U	2.1E+00 U	2.8E+00 U	1.4E+00 U	2.1E+00 U	2.4E+00 U	2.8E+00 U	1.2E+00 U	3.2E+00 U
2-Hexanone	4.2E+01 U	4.2E+00 U	4.2E+00 U	4.2E+00 U	1.7E+01 U	1.7E+00 U	1.6E+01 U	8.3E-01 U	5.0E+00 U	3.5E+00 U	3.4E+00 U	3.1E+00 U	1.9E+00 U	1.8E+00 U	1.7E+00 U	2.5E+00 U	1.3E+00 U	2.7E+00 U	2.1E+00 U	2.9E+00 U	4.0E+00 U	2.0E+00 U	2.9E+00 U	3.4E+00 U	3.9E+00 U	1.7E+00 U	4.4E+00 U
2-Propanol	5.0E+01 U	5.0E+00 U	5.0E+00 U	5.0E+01 U	2.0E+01 U	2.0E+01 U	2.0E+01 U	1.0E+00 U	3.0E+00 U	2.1E+00 U	2.0E+00 U	1.9E+00 U	1.1E+00 U	1.1E+00 U	1.0E+00 U	1.5E+00 U	8.0E-01 U	1.6E+00 U	1.3E+00 U	1.8E+00 U	2.4E+00 U	1.2E+00 U	1.7E+00 J	2.1E+00	2.4E+00 U	1.0E+00 U	2.7E+00 U
3-Chloropropene	1.6E+01 U	1.6E+00 U	1.6E+00 U	1.6E+01 U	6.3E+00 U	6.3E-01 U	6.3E+00 U	3.2E-01 U	3.8E+00 U	2.7E+00 U	2.6E+00 U	2.4E+00 U	1.4E+00 U	1.4E+00 U	1.3E+00 U	1.9E+00 U	1.0E+00 U	2.1E+00 U	1.6E+00 U	2.2E+00 U	3.0E+00 U	1.5E+00 U	2.2E+00 U	2.6E+00 U	3.0E+00 U	1.3E+00 U	3.4E+00 U
4-Ethyltoluene	2.5E+01 U	2.6E+00 U	3.7E+00	2.5E+01 U	1.0E+01 U	1.0E+01 U	1.0E+01 U	5.0E-01 U	1.5E+00 U	1.0E+00 U	1.0E+00 U	9.4E-01 U	5.6E-01 U	5.4E-01 U	5.2E-01 U	7.5E-01 U	4.0E-01 U	8.1E-01 U	6.4E-01 U	8.8E-01 U	1.2E+00 U	6.1E-01 U	8.7E-01 U	1.0E+00 U	1.2E+00 U	5.1E-01 U	1.3E+00 U
4-Methyl-2-pentanone (MIBK)	4.0E+01 U	4.0E+00 U	4.0E+00 U	4.0E+01 U	1.6E+01 U	1.6E+00 U	1.6E+01 U	8.0E-01 U	1.2E+00 U	8.8E-01 U	8.0E-01 U	7.8E-01 U	4.7E-01 U	4.5E-01 U	4.4E-01 U	6.2E-01 U	3.2E-01 U	6.8E-01 U	5.3E-01 U	7.3E-01 U	9.9E-01 UJ	5.0E-01 U	7.2E-01 U	8.4E-01 U	9.8E-01 U	4.3E-01 U	1.1E+00 U
Acetone	1.2E+02 U	1.2E+01 U	1.2E+01 U	1.2E+02 U	4.8E+01 U	4.8E+01 U	4.8E+01 U	3.1E+00	2.9E+00 U	2.0E+00 U	2.0E+00 U	1.8E+00 U	1.1E+00 U	1.3E+00	1.0E+00 U	1.4E+00 U	7.7E-01 U	1.6E+00 U	1.2E+00 U	1.7E+00 U	2.3E+00 U	1.2E+00 U	1.8E+00	1.9E+00 U	2.3E+00 U	9.9E-01 U	6.4E+00 U
alpha-Chlorotoluene	1.1E+02 U	1.1E+01 U	1.1E+01 U	1.1E+02 U	4.3E+01 U	4.3E+00 U	4.2E+01 U	2.1E+00 U	1.6E+00 U	1.1E+00 U	1.1E+00 U	9.9E-01 U	5.9E-01 U	5.6E-01 U	5.5E-01 U	7.9E-01 U	4.3E-01 U	8.5E-01 U	6.7E-01 U	9.3E-01 U	1.2E+00 U	6.4E-01 U	9.1E-01 U	1.1E+00 U	1.2E+00 U	5.4E-01 U	1.4E+00 U
Benzene	1.6E+01 U	1.6E+00 U	1.6E+00 U	1.6E+00 U	6.5E+00 U	6.5E+00 U	9.7E+00	8.4E-01	9.7E-01 U	6.8E-01 U	6.5E-01 U	6.1E-01 U	3.6E-01 U	3.5E-01 U	3.4E-01 U	4.8E-01 U	2.6E-01 U	5.3E-01 U	4.1E-01 U	5.7E-01 U	7.7E-01 U	3.9E-01 U	5.6E-01 U	6.5E-01 U	7.7E-01 U	3.3E-01 U	8.7E-01 U
Bromodichloromethane	3.3E+01 U	3.4E+00 U	3.4E+00 U	3.3E+01 U	1.3E+01 U	1.3E+00 U	1.3E+01 U	6.7E-01 U	2.0E+00 U	1.4E+00 U	1.3E+00 U	1.3E+00 U	7.6E-01 U	7.3E-01 U	7.1E-01 U	1.0E+00 U	5.3E-01 U	1.1E+00 U	8.7E-01 U	1.2E+00 U	1.6E+00 U	8.3E-01 U	1.2E+00 U	1.4E+00 U	1.6E+00 U	7.0E-01 U	1.8E+00 U
Bromoform	5.2E+01 U	5.3E+00 U	5.3E+00 U	5.2E+00 U	2.1E+01 U	2.1E+01 U	2.1E+01 U	1.0E+00 U	3.1E+00 U	2.2E+00 U	2.1E+00 U	2.0E+00 U	1.2E+00 U	1.1E+00 U	1.1E+00 U	1.6E+00 U	8.3E-01 U	1.7E+00 U	1.3E+00 U	1.8E+00 U	2.5E+00 U	1.3E+00 U	1.8E+00 U	2.1E+00 U	2.5E+00 U	1.1E+00 U	2.8E+00 U
Bromomethane	2.0E+01 U	2.0E+00 U	2.0E+00 U	2.0E+00 U	8.0E+00 U	8.0E-01 U	8.0E+00 U	4.0E-01 U	1.2E+00 U	8.3E-01 U	8.0E-01 U	7.4E-01 U	4.4E-01 U	4.2E-01 U	4.1E-01 U	5.9E-01 U	3.2E-01 U	6.4E-01 U	5.0E-01 U	7.0E-01 U	9.4E-01 U	4.8E-01 U	6.8E-01 U	8.0E-01 U	9.3E-01 U	4.0E-01 U	1.0E+01 U
Carbon disulfide	1.6E+01 U	1.6E+00 U	1.6E+00 U	1.6E+00 U	6.3E+00 U	6.3E+00 U	6.3E+00 U	3.1E-01 U	9.4E-01 U	6.7E-01 U	6.3E-01 U	6.0E-01 U	3.6E-01 U	3.4E-01 U	3.3E-01 U	4.7E-01 U	2.5E-01 U	5.1E-01 U	4.0E-01 U	2.2E+00 U	3.0E+00 U	3.8E-01 U	2.2E+00 U	2.6E+00 U	3.0E+00 U	1.3E+00 U	3.4E+00 U
Carbon tetrachloride	4.0E+01	1.4E+01	4.2E+01	4.7E+01	3.9E+01	2.8E+01	6.2E+01	1.8E+01	1.8E+01	2.2E+01	8.7E+00	9.3E+00	1.6E+01	1.4E+01	1.4E+01	1.7E+01	8.7E+00	1.2E+01	1.1E+01	7.7E+00	8.0E+00	1.2E+01	8.8E+00 J	7.0E+00	6.2E+00	6.3E+00	9.1E+00
Chlorobenzene	2.3E+01 U	2.4E+00 U	2.4E+00 U	2.3E+01 U	9.3E+00 U	9.3E+00 U	9.3E+00 U	4.7E-01 U	1.4E+00 U	9.8E-01 U	9.3E-01 U	8.8E-01 U	5.2E-01 U	5.0E-01 U	4.9E-01 U	7.0E-01 U	3.7E-01 U	7.6E-01 U	6.0E-01 U	8.2E-01 U	1.1E+00 U	5.7E-01 U	8.1E-01 U	9.4E-01 U	1.1E+00 U	4.8E-01 U	1.2E+00 U
Chloroethane	1.3E+01 U	1.4E+00 U	1.4E+00 U	1.3E+00 U	5.3E+00 U	5.3E-01 U	5.3E+00 U	2.7E-01 U	8.0E-01 U	5.6E-01 U	5.3E-01 U	5.0E-01 U	3.0E-01 U	2.9E-01 U	2.8E-01 U	4.0E-01 U	2.1E-01 U	4.4E-01 U	3.4E-01 U	1.9E+00 U	2.6E+00 U	1.3E+00 U	1.9E+00 U	2.2E+00 U	2.5E+00 U	1.1E+00 U	2.9E+00 U
Chloroform	9.5E+02	2.5E+02	8.0E+02	1.4E+03	8.5E+02	9.5E+02	9.0E+02	1.1E+03	5.2E+02	6.2E+02	3.2E+02	3.1E+02	4.4E+02	3.8E+02	3.8E+02	4.9E+02	3.1E+02	3.3E+02	3.7E+02	2.5E+02	2.9E+02	3.3E+02	2.5E+02	2.9E+02	2.3E+02	1.7E+02	4.1E+02
Chloromethane	1.0E+01 U	1.1E+00 U	1.1E+00 U	1.0E+01 U	4.2E+00 U	4.2E+00 U	4.2E+00 U	2.1E-01 U	2.5E+00 U	1.8E+00 U	1.7E+00 U	1.6E+00 U	9.4E-01 U	9.0E-01 U	8.8E-01 U	1.2E+00 U	6.7E-01 U	1.4E+00 U	1.1E+00 U	1.5E+00 U	2.0E+00 U	1.0E+00 U	1.4E+00 U	1.7E+00 U	2.0E+00 U	8.6E-01 U	5.6E+00 U
cis-1,2-Dichloroethene	2.0E+01 U	2.0E+00 U	2.0E+00 U	2.0E+01 U	8.0E+00 U	8.0E-01 U	8.0E+00 U	4.0E-01 U	1.2E+00 U	8.5E-01 U	8.0E-01 U	7.6E-01 U	4.5E-01 U	4.3E-01 U	4.2E-01 U	6.0E-01 U	3.2E-01 U	6.5E-01 U	5.1E-01 U	7.1E-01 U	9.6E-01 U	4.9E-01 U	7.0E-01 U	8.1E-01 U	9.5E-01 U	4.1E-01 U	1.1E+00 U
cis-1,3-Dichloropropene	2.3E+01 U	2.4E+00 U	2.4E+00 U	2.3E+00 U	9.3E+00 U	9.3E+00 U	9.3E+00 U	4.7E-01 U	1.4E+00 U	9.7E-01 U	9.3E-01 U	8.7E-01 U	5.2E-01 U	4.9E-01 U	4.8E-01 U	6.9E-01 U	3.7E-01 U	7.5E-01 U	5.9E-01 U	8.1E-01 U	1.1E+00 U	5.6E-01 U	8.0E-01 U	9.3E-01 U	1.1E+00 U	4.7E-01 U	1.2E+00 U
Cyclohexane	1.7E+01 U	1.7E+00 U	1.7E+00 U	1.6E+01 U	6.7E+00 U	6.7E-01 U	6.7E+00 U	7.0E-01	1.0E+00 U	7.4E-01 U	6.7E-01 U	6.6E-01 U	4.4E-01	7.0E-01	4.2E-01	5.2E-01 U	2.8E-01	5.7E-01 U	4.4E-01 U	6.2E-01 U	8.3E-01 U	4.2E-01 U	6.1E-01 U	7.0E-01 U	8.3E-01 U	3.6E-01 U	9.3E-01 U
Dibromochloromethane	4.3E+01 U	4.4E+00 U	4.4E+00 U	4.3E+00 U	1.7E+01 U	1.7E+01 U	1.7E+01 U	8.7E-01 U	2.6E+00 U	1.8E+00 U	1.7E+00 U	1.6E+00 U	9.7E-01 U	9.3E-01 U	9.1E-01 U	1.3E+00 U	6.9E-01 U	1.4E+00 U	1.1E+00 U	1.5E+00 U	2.1E+00 U	1.0E+00 U	1.5E+00 U	1.7E+00 U	2.0E+00 U	8.8E-01 U	2.3E+00 U
Dichlorodifluoromethane (Freon 12)	2.5E+01 U	2.5E+00	8.9E+00	8.9E+00	9.9E+00 U	6.4E+00	1.8E+01	3.2E+00	4.2E+00	5.3E+00	2.2E+00	3.1E+00	4.4E+00	4.7E+00	3.8E+00	4.8E+00	2.4E+00	5.3E+00	3.3E+00	2.7E+00	3.1E+00	4.8E+00	3.2E+00	3.0E+00	2.4E+00	2.2E+00	3.7E+00
Dichlorotetrafluoroethane (Freon 114)	3.5E+01 U	3.6E+00 U	3.6E+00 U	3.4E+01 U	1.4E+01 U	1.4E+01 U	1.4E+01 U	7.0E-01 U	2.1E+00 U	1.5E+00 U	1.4E+00 U	1.3E+00 U	8.0E-01 U	7.6E-01 U	7.4E-01 U	1.1E+00 U	5.6E-01 U	1.2E+00 U	9.0E-01 U	1.2E+00 U	1.7E+00 U	8.6E-01 U	1.2E+00 U	1.4E+00 U	1.7E+00 U	7.3E-01 U	1.9E+00 U
Ethanol	--	--	--	--	--	--	--	--	2.3E+00 U	1.6E+00 U	1.2E+01	1.4E+00 U	9.3E+00	8.2E-01 U	1.1E+01	1.1E+00 U	6.1E-01 U	1.2E+00 U	9.7E+00	1.3E+00 U	1.8E+00 U	9.3E-01 U	1.3E+00 U	1.5E+00 U	1.8E+00 U	3.8E+00	2.0E+00 U
Ethyl acetate	1.8E+01 U	1.8E+00 U	1.8E+00 U	1.8E+01 U	7.2E+00 U	7.2E-01 U	7.2E+00 U	3.6E-01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	2.2E+01 U	2.2E+00 U	2.2E+00 U	2.2E+00 U	8.7E+00 U	8.7E+00 U	8.7E+00 U	5.6E-01	1.3E+00 U	9.3E-01 U	8.7E-01 U	8.3E-01 U	4.9E-01 U	4.7E-01 U	4.6E-01 U	6.6E-01 U	3.5E-01 U	7.2E-01 U	5.6E-01 U	7.8E-01 U	1.0E+00 U	5.4E-01 U	7.7E-01 U	8.9E-01 U	1.0E+00 U	7.2E-01	1.2E+00 U
Heptane	2.0E+01 U	2.0E+00 U	2.0E+00 U	2.0E+01 U	8.0E+00 U	8.0E-01 U	8.0E+00 U	4.0E-01 U	1.2E+00 U	8.8E-01 U	8.0E-01 U	7.8E-01 U	4.7E-01 U	4.5E-01 U	4.4E-01 U	6.2E-01 U	3.2E-01 U	6.8E-01 U	5.3E-01 U	7.3E-01 U	9.9E-01 U	5.1E-01 U	7.2E-01 U	8.4E-01 U	9.8E-01 U	4.3E-01 U	1.1E+00 U
Hexachlorobutadiene	1.1E+02 U	1.1E+01 U	1.1E+01 U	1.1E+01 U	4.3E+01 U	4.4E+01 U	4.2E+01 U	2.2E+00 U	1.3E+01 U	9.1E+00 U	8.8E+00 U	8.2E+00 UJ	4.9E+00 U	4.6E+00 U	4.5E+00 U	6.5E+00 U	3.5E+00 U	7.0E+00 U	5.5E+00 U	7.6E+00 U	1.0E+01 U	5.3E+00 U	7.5E+00 U	8.7E+00 U	1.0E+01 U	4.4E+00 U	1.2E+01 U
Hexane	1.2E+02	1.9E+00 U	1.9E+00 U	1.8E+01 U	7.3E+00 U	7.3E-01 U	7.3E+00 U	3.7E-01 U	1.1E+00 U	7.5E-01 U	7.3E-01 U	6.7E-01 U	4.0E-01 U	6.5E-01	3.8E-01 U	5.4E-01 U	2.9E-01 U	5.8E-01 U	4.6E-01 U	6.3E-01 U	8.5E-01 U	4.4E-01 U	6.2E-01 U	7.2E-01 U	8.4E-01 U	3.7E-01 U	9.6E-01 U
Isopropylbenzene	--	--	--	--	--	--	--	--	1.5E+00 U	1.0E+00 U	1.0E+00 U	9.4E-01 U	5.6E-01 U	5.4E-01 U	5.2E-01 U	7.5E-01 U	4.0E-01 U	8.1E-01 U	6.4E-01 U	8.8E-01 U	1.2E+00 U	6.1E-01 U	8.7E-01 U	1.0E+00 U	1.2E+00 U	5.1E-01 U	1.3E+00 U
m,p-Xylene	4.3E+01 U	4.3E+00 U	8.7E+00	4.3E+01 U	1.7E+01 U	1.8E+01 U	1.7E+01 U	2.8E+00	1.3E+00 U	9.3E-01 U	8.7E-01 U	8.3E-01 U	5.0E-01 U	4.7E-01 U	4.6E-01 U	6.6E-01 U	3.5E-01 U	7.2E-01 U	5.6E-01 U	7.8E-01 U	1.0E+00 U	5.4E-01 U	7.7E-01 U	8.9E-01 U	1.0E+00 U	7.8E-01	1.2E+00 U
Methyl tert-butyl ether	3.7E+01 U	3.7E+00 U	3.7E+00 U	3.7E+00 U	1.5E+01 U	1.5E+00 U	1.4E+01 U	7.3E-01 U	1.1E+00 U	7.7E-01 U	7.3E-01 U	6.9E-01 U	4.1E-01 U	3.9E-01 U	3.8E-01 U	5.5E-01 U	2.9E-01 U	5.9E-01 U	4.7E-01 U	6.4E-01 U	8.7E-01 U	4.4E-01 U	6.4E-01 U	7.4E-01 U	8.6E-01 U	3.7E-01 U	9.8E-01 U
Methylene chloride	1.7E+01 U	1.8E+00 U	2.9E+00	3.5E+00	6.9E+00 U	6.9E+00 U	6.9E+00 U	2.4E+00	1.7E+00	2.2E+00	1.5E+00	1.4E+00	1.6E+00	6.2E+00	1.7E+00	2.2E+00	1.6E+00	1.2E+00	3.3E+00	1.1E+00	1.4E+00	1.6E+00	1.8E+00	1.5E+00	1.1E+00	1.1E+00	9.4E+00 U
n-Propylbenzene	--	--	--	--	--	--	--	--	1.5E+00 U	1.0E+00 U	1.0E+00 U	9.4E-01 U	5.6E-01 U	5.4E-01 U	5.2E-01 U	7.5E-01 U	4.0E-01 U	8.1E-01 U	6.4E-01 U	8.8E-01 U	1.2E+00 U	6.1E-01 U	8.7E-01 U	1.0E+00 U	1.2E+00 U	5.1E-01 U	1.3E+00 U
o-Xylene	2.2E+01 U	2.2E+00 U	3.9E+00	2.1E+01 U	8.7E+00 U	8.7E-01 U	8.7E+00 U	8.7E-01	1.3E+00 U	9.3E-01 U	8.7E-01 U	8.3E-01 U	5.0E-01 U	4.7E-01 U	4.6E-01 U	6.6E-01 U	3.5E-01 U	7.2E-01 U	5.6E-01 U	7.8E-01 U	1.0E+00 U	5.4E-01 U	7.7E-01 U	8.9E-01 U	1.0E+00 U	4.5E-01 U	1.2E+00 U
Propene	8.6E+00 U	8.8E-01 U	8.8E-01 U	8.4E+00 U	3.4E+00 U	3.4E+00 U	3.4E+00 U	1.7E-01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	2.2E+01 U	2.2E+00 U	2.2E+00 U	2.2E+00 U	8.7E+00 U	8.7E-01 U	8.7E+00 U	4.3E-01 U	1.3E+00 U	9.1E-01 U	8.7E-01 U	8.2E-01 U	4.8E-01 U	4.6E-01 U	4.5E-01 U	6.5E-01 U	3.5E-01 U	7.0E-01 U	5.5E-01 U	7.6E-01 U	1.0E+00 U	5.3E-01 U	7.5E-01 U	8.7E-01 U	1.0E+00 U	4.4E-01 U	1.2E+00
Tetrachloroethene	1.8E+02	1.4E+01	3.3E+01	6.3E+01	4.8E+01	2.3E+01	4.6E+01	2.0E+01	1.5E+01	1.7E+01	5.2E+00	3.9E+00	5.5E+00	4.8E+00	5.6E+00	5.7E+00	3.2E+00	2.8E+00	4.4E+00	2.2E+00	2.6E+00	3.8E+00	2.1E+00	2.8E+00	1.9E+00	1.6E+00	6.4E+00
Tetrahydrofuran	5.9E+01 U	5.9E+00 U	5.9E+00 U	5.9E+00 U	2.4E+01 U	2.4E+00 U	2.3E+01 U	1.2E+00 U	8.9E-01 U	6.3E-01 U	5.9E-01 U	5.6E-01 U	3.4E-01 U	3.2E-01 U	3.1E-01 U	4.5E-01 U	2.4E-01 U	4.9E-01 U	3.8E-01 U	5.3E-01 U	7.1E-01 U	3.6E-01 U	5.2E-01 U	6.0E-01 U	7.1E-01 U	3.1E-01 U	8.0E-01 U
Toluene	1.8E+01 U	1.9E+00 U	2.6E+00	1.8E+01 U	7.3E+00 U	7.3E+00 U	7.3E+00 U	3.4E+00	1.1E+00 U	8.1E-01 U	7.3E-01 U	7.2E-01 U	4.3E-01 U	4.1E-01 U	4.6E-01	5.7E-01 U	2.9E-01 U	6.2E-01 U	4.9E-01 U	6.7E-01 U	9.1E-01 U	4.6E-01 U	6.6E-01 U	7.7E-01 U	9.0E-01 U	3.9E-01 U	1.0E+00 U
trans-1,2-Dichloroethene	2.0E+01 U	2.0E+00 U	2.0E+00 U	2.0E+00 U	8.0E+00 U	8.0E-01 U	8.0E+00 U	4.0E-01 U	1.2E+00 U	8.5E-01 U	8.0E-01 U	7.6E-01 U	4.5E-01 U	4.3E-01 U	4.2E-01 U	6.0E-01 U	3.2E-01 U	6.5E-01 U	5.1E-01 U	7.1E-01 U	9.6E-01 U	4.9E-01 U	7.0E-01 U	8.1E-01 U	9.5E-01 U	4.1E-01 U	1.1E+00 U
trans-1,3-Dichloropropene	2.3E+01 U	2.4E+00 U	2.4E+00 U	2.3E+01 U	9.3E+00 U	9.3E+00 U	9.3E+00 U	4.7E-01 U	1.4E+00 U	9.7E-01 U	9.3E-01 U	8.7E-01 U	5.2E-01 U	4.9E-01 U	4.8E-01 U	6.9E-01 U	3.7E-01 U	7.5E-01 U	5.9E-01 U	8.1E-01 U	1.1E+00 U	5.6E-01 U	8.0E-01 U	9.3E-01 U	1.1E+00 U	4.7E-01 U	1.2E+00 U
Trichloroethene	3.7E+01	1.1E+01	3.1E+01	3.5E+01	4.5E+01	3.5E+01	4.6E+01	2.3E+01	1.6E+01	2.0E+01	8.3E+00	7.6E+00	9.5E+00	9.9E+00	1.1E+01	1.2E+01	6.7E+00	7.3E+00	1.4E+01	6.0E+00	6.7E+00	8.5E+00	5.7E+00	6.5E+00	5.1E+00	3.9E+00	1.1E+01
Trichlorofluoromethane (Freon 11)	3.5E+02	1.6E+02	5.0E+02	6.9E+02	4.5E+02	4.8E+02	7.4E+02	2.2E+02	2.4E+02	2.8E+02	9.1E+01	1.3E+02	1.9E+02	1.9E+02	1.8E+02	2.1E+02	9.1E+01	1.6E+02	1.3E+02	1.2E+02	1.3E+02	1.7E+02	1.3E+02	1.6E+02	1.0E+02	8.4E+01	1.2E+02 J
Vinyl acetate	3.5E+01 U	1.8E+00 U	1.8E+00 U	1.7E+01 U	7.0E+00 U	7.0E+00 U	7.0E+00 U	3.5E-01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl bromide	2.2E+01 U	2.2E+00 U	2.2E+00 U	2.1E+01 U	8.8E+00 U	8.8E-01 U	8.8E+00 U	4.4E-01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	1.3E+01 U	1.3E+00 U	1.3E+00 U	1.3E+00 U	5.1E+00 U	5.1E+00 U	5.1E+00 U	2.6E-01 U	7.7E-01 U	5.5E-01 U	5.1E-01 U	4.9E-01 U	2.9E-01 U	2.8E-01 U	2.7E-01 U	3.9E-01 U	2.0E-01 U	4.2E-01 U	3.3E-01 U	4.6E-01 U	6.2E-01 U	3.2E-01 U	4.5E-01 U	5.2E-01 U	6.1E-01 U	2.6E-01 U	6.9E-01 U

TABLE I-5

ANALYTICAL RESULTS IN INFLUENT AND EFFLUENT SOIL VAPOR SAMPLES FOR SOIL VAPOR EXTRACTION SYSTEM[1,2]
Page-Trowbridge Ranch Landfill
Pinal County, Arizona

Concentrations shown in milligrams per cubic meter (mg/m^3)

	Effluent from Treatment Vessels																							
Analyte Sample Date	**12/19/2008**	**2/13/2009**	**4/8/2009**	**5/15/2009**	**6/19/2009**	**10/15/2009**	**11/30/2009**	**2/25/2010**	**3/31/2010**	**5/10/2010**	**5/28/2010**	**7/9/2010**	**8/12/2010**	**9/1/2010**	**10/7/2010**	**11/2/2010**	**12/13/2010**	**1/13/2011**	**4/12/2011**	**5/18/2011**	**6/9/2011**	**7/7/2011**	**8/9/2011**	**10/7/2011**	**3/8/2012**
1,1,1-Trichloroethane	5.3E-02 U	4.0E-03 U	2.7E+01 U	1.3E+00 U	5.3E-01 U	2.7E+00 U	5.2E-02 U	1.7E+00 U	1.2E+00 U	6.4E-03 U	1.4E-01 U	7.2E-02 U	2.2E-02 U	1.4E-02 U	2.8E-01 U	1.6E-01 U	2.2E-01 U	6.7E-01 U	1.0E+00 U	1.7E-01 U	3.5E-01 U	3.4E-01 U	2.4E-01 U	7.4E-03 U	8.0E-03 U
1,1,2,2-Tetrachloroethane	6.9E-02 U	5.3E-03 U	3.5E+01 U	1.8E+00 U	7.0E+00 U	3.5E+00 U	6.8E-02 U	2.2E+00 U	1.5E+00 U	8.4E-03 U	1.8E-01 U	9.1E-02 U	2.8E-02 U	1.8E-02 U	3.5E-01 U	2.1E-01 U	2.8E-01 U	8.4E-01 U	1.2E+00 U	2.1E-01 U	4.4E-01 U	4.2E-01 U	3.1E-01 U	9.4E-03 U	1.1E-02 U
1,1,2-Trichloroethane	5.3E-02 U	4.0E-03 U	2.7E+01 U	1.3E-01 U	5.3E-01 U	2.7E+00 U	5.2E-02 U	1.7E+00 U	1.2E+00 U	6.4E-03 U	1.4E-01 U	7.2E-02 U	2.2E-02 U	1.4E-02 U	2.8E-01 U	1.6E-01 U	2.2E-01 U	6.7E-01 U	1.0E+00 U	1.7E-01 U	3.5E-01 U	3.4E-01 U	2.4E-01 U	7.4E-03 U	8.0E-03 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.1E+02	1.1E+01	9.4E+01	2.0E+00 U	7.9E+00 U	1.7E+01	7.6E-02 U	2.9E+01	2.0E+01	9.4E-03 U	2.3E-01	1.0E-01 U	3.2E-02 U	2.0E-02 U	3.9E-01 U	2.4E-01 U	3.1E-01 U	2.0E+01	7.2E+00	2.6E+00	2.3E+00	1.1E+00	4.0E-01	1.0E-02 U	1.2E-02 U
1,1-Dichloroethane	1.2E+00	2.4E-02	2.0E+01 U	1.0E+00 U	4.0E-01 U	2.0E+00 U	3.9E-02 U	1.3E+00 U	1.3E+00	4.8E-03 U	1.1E-01 U	5.3E-02 U	1.7E-02 U	1.0E-02 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	1.9E+00	7.4E-01 U	1.9E-01	2.6E-01 U	2.5E-01 U	1.8E-01 U	5.5E-03 U	6.0E-03 U
1,1-Dichloroethene	9.5E+00	2.0E-01	2.0E+01 U	1.2E-01	4.0E+00 U	4.4E+00	3.8E-02 U	1.6E+00	3.8E+00	4.8E-03 U	1.0E-01 U	5.2E-02 U	1.6E-02 U	1.0E-02 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	1.6E+00	1.1E+00	7.9E-01	6.8E-01	5.1E-01	2.4E-01	5.4E-03 U	6.0E-03 U
1,1-Difluoroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7E-02 U
1,2,4-Trichlorobenzene	3.0E-01 U	2.3E-02 U	1.5E+02 U	7.5E-01 U	3.0E+00 U	1.5E+01 U	2.9E-01 U	9.5E+00 UJ	6.6E+00 U	3.6E-02 U	7.9E-01 U	3.9E-01 U	1.2E-01 U	7.6E-02 U	1.5E+00 U	9.0E-01 U	1.2E+00 U	3.6E+00 U	5.4E+00 U	9.2E-01 U	1.9E+00 U	1.8E+00 U	1.3E+00 U	4.0E-02 U	4.7E-02 U
1,2,4-Trimethylbenzene	5.0E-02 U	3.8E-03 U	2.5E+01 U	1.3E+00 U	5.0E+00 U	2.5E+00 U	4.9E-02 U	1.6E+00 U	1.1E+00 U	6.0E-03 U	1.3E-01 U	6.5E-02 U	2.0E-02 U	4.4E-02	2.5E-01 U	1.5E-01 U	2.0E-01 U	6.0E-01 U	9.0E-01 U	1.5E-01 U	3.2E-01 U	3.0E-01 U	2.2E-01 U	6.7E-03 U	7.0E-03 U
1,2-Dibromoethane (EDB)	7.6E-02 U	5.8E-03 U	3.8E+01 U	1.9E-01 U	7.7E-01 U	3.8E+00 U	7.4E-02 U	2.4E+00 U	1.7E+00 U	9.2E-03 U	2.0E-01 U	1.0E-01 U	3.2E-02 U	2.0E-02 U	3.9E-01 U	2.3E-01 U	3.2E-01 U	9.4E-01 U	1.4E+00 U	2.4E-01 U	5.0E-01 U	4.8E-01 U	3.4E-01 U	1.0E-02 U	1.2E-02 U
1,2-Dichlorobenzene	5.9E-02 U	4.5E-03 U	3.0E+01 U	1.5E+00 U	6.0E+00 U	3.0E+00 U	5.8E-02 U	1.9E+00 U	1.3E+00 U	7.2E-03 U	1.6E-01 U	7.9E-02 U	2.5E-02 U	1.5E-02 U	3.0E-01 U	2.0E-01	2.5E-01 U	7.4E-01 U	1.1E+00 U	1.8E-01 U	3.9E-01 U	3.7E-01 U	2.7E-01 U	8.2E-03 U	9.0E-03 U
1,2-Dichloroethane	4.0E-02 U	3.1E-03 U	2.0E+01 U	1.0E-01 U	5.7E-01	4.0E+00	4.0E-02 U	1.3E+00 U	9.0E-01 U	2.2E-02	7.8E-01	2.1E-01	1.7E-02 U	1.0E-02 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	5.0E-01 U	7.4E-01 U	1.2E-01 U	2.6E-01 U	2.6E-01	1.8E-01 U	5.5E-03 U	6.0E-03 U
1,2-Dichloropropane	4.6E-02 U	3.5E-03 U	2.3E+01 U	1.2E+00 U	4.7E+00 U	2.3E+00 U	4.5E-02 U	1.5E+00 U	1.0E+00 U	5.6E-03 U	1.5E-01	6.1E-02 U	1.9E-02 U	1.2E-02 U	2.3E-01 U	1.4E-01 U	1.9E-01 U	5.7E-01 U	8.5E-01 U	1.4E-01 U	3.0E-01 U	2.9E-01 U	2.1E-01 U	6.3E-03 U	7.0E-03 U
1,3,5-Trimethylbenzene	5.0E-02 U	3.8E-03 U	2.5E+01 U	1.3E-01 U	5.0E-01 U	2.5E+00 U	4.9E-02 U	1.6E+00 U	1.1E+00 U	6.0E-03 U	1.3E-01 U	6.5E-02 U	2.0E-02 U	1.4E-02	2.5E-01 U	1.5E-01 U	2.0E-01 U	6.0E-01 U	9.0E-01 U	1.5E-01 U	3.2E-01 U	3.0E-01 U	2.2E-01 U	6.7E-03 U	7.0E-03 U
1,3-Butadiene	2.2E-02 U	1.7E-03 U	1.1E+01 U	5.6E-01 U	2.2E-01 U	1.1E+00 U	2.2E-02 U	7.0E-01 U	4.9E-01 U	2.7E-03 U	5.9E-02 U	2.9E-02 U	9.1E-03 U	5.6E-03 U	1.1E-01 U	6.7E-02 U	9.1E-02 U	2.7E-01 U	4.0E-01 U	6.8E-02 U	1.4E-01 U	1.4E-01 U	9.9E-02 U	3.0E-03 U	3.0E-03 U
1,3-Dichlorobenzene	5.9E-02 U	4.5E-03 U	3.0E+01 U	1.5E-01 U	6.0E+00 U	3.0E+00 U	5.8E-02 U	1.9E+00 U	1.3E+00 U	7.2E-03 U	1.6E-01 U	7.9E-02 U	2.5E-02 U	1.5E-02 U	3.0E-01 U	1.8E-01 U	2.5E-01 U	7.4E-01 U	1.1E+00 U	1.8E-01 U	3.9E-01 U	3.7E-01 U	2.7E-01 U	8.2E-03 U	9.0E-03 U
1,4-Dichlorobenzene	5.9E-02 U	4.5E-03 U	3.0E+01 U	1.5E+00 U	6.0E-01 U	3.0E+00 U	5.8E-02 U	1.9E+00 U	1.3E+00 U	7.2E-03 U	1.6E-01 U	7.9E-02 U	2.5E-02 U	1.5E-02 U	3.0E-01 U	1.8E-01 U	2.5E-01 U	7.4E-01 U	1.1E+00 U	1.8E-01 U	3.9E-01 U	3.7E-01 U	2.7E-01 U	8.2E-03 U	9.0E-03 U
1,4-Dioxane	--	--	--	--	--	--	--	4.6E+00 U	3.2E+00 U	1.8E-02 U	3.8E-01 U	1.9E-01 U	6.0E-02 U	3.7E-02 U	7.3E-01 U	4.4E-01 U	5.9E-01 U	1.8E+00 U	2.6E+00 U	4.4E-01 U	9.3E-01 U	8.9E-01 U	6.5E-01 U	2.0E-02 U	2.3E-02 U
2,2,4-Trimethylpentane	4.6E-02 U	3.5E-03 U	2.3E+01 U	1.2E-01 U	4.7E+00 U	2.3E+00 U	4.5E-02 U	1.5E+00 U	1.0E+00 U	5.6E-03 U	1.2E-01 U	6.2E-02 U	1.9E-02 U	1.2E-02 U	2.4E-01 U	1.4E-01 U	1.9E-01 U	5.7E-01 U	8.6E-01 U	1.4E-01 U	3.0E-01 U	2.9E-01 U	2.1E-01 U	6.4E-03 U	7.0E-03 U
2-Butanone (MEK)	5.9E-02 U	4.5E-03 U	3.0E+01 U	1.5E+00 U	5.9E-01 U	3.0E+00 U	5.6E-02 U	9.4E-01 U	6.5E-01 U	5.3E-02	7.8E-02 U	5.0E-02	1.6E-01	7.0E-02	1.5E-01 U	8.9E-02 U	1.2E-01 U	3.6E-01 U	2.2E+00 U	3.6E-01 U	7.6E-01 U	7.3E-01 U	5.3E-01 U	1.6E-02 U	1.8E-02 U
2-Hexanone	8.3E-02 U	6.3E-03 U	4.2E+01 U	2.1E-01 U	8.3E+00 U	4.2E+00 U	7.9E-02 U	5.2E+00 U	3.6E+00 U	2.0E-02 U	4.4E-01 U	2.2E-01 U	6.8E-02 U	4.2E-02 U	8.3E-01 U	5.0E-01 U	6.7E-01 U	2.0E+00 U	3.0E+00 U	5.1E-01 U	1.0E+00 U	1.0E+00 U	7.3E-01 U	2.2E-02 U	2.6E-02 U
2-Propanol	1.0E-01 U	7.5E-03 U	5.0E+01 U	2.5E+00 U	1.0E+00 U	5.0E+00 U	9.8E-02 U	3.1E+00 U	2.2E+00 U	1.2E-02 U	2.6E-01 U	1.3E-01 U	4.1E-02 U	2.5E-02 U	5.0E-01 U	3.0E-01 U	4.0E-01 U	1.2E+00 U	1.8E+00 U	3.0E-01 U	6.3E-01 U	6.1E-01	4.4E-01 U	1.3E-02 U	1.5E-02 U
3-Chloropropene	3.1E-02 U	2.4E-03 U	1.6E+01 U	7.9E-02 U	3.2E-01 U	1.6E+00 U	3.1E-02 U	4.0E+00 U	2.8E+00 U	1.5E-02 U	3.3E-01 U	1.6E-01 U	5.2E-02 U	3.2E-02 U	6.3E-01 U	3.8E-01 U	5.1E-01 U	1.5E+00 U	2.3E+00 U	3.9E-01 U	8.1E-01 U	7.8E-01 U	5.6E-01 U	1.7E-02 U	2.0E-02 U
4-Ethyltoluene	5.0E-02 U	3.8E-03 U	2.5E+01 U	1.3E+00 U	5.0E+00 U	2.5E+00 U	4.9E-02 U	1.6E+00 U	1.1E+00 U	6.0E-03 U	1.3E-01 U	6.5E-02 U	2.0E-02 U	5.8E-02	2.5E-01 U	1.5E-01 U	2.0E-01 U	6.0E-01 U	9.0E-01 U	1.5E-01 U	3.2E-01 U	3.0E-01 U	2.2E-01 U	6.7E-03 U	7.0E-03 U
4-Methyl-2-pentanone (MIBK)	8.0E-02 U	6.0E-03 U	4.0E+01 U	2.0E-01 U	8.0E-01 U	4.0E+00 U	7.6E-02 U	1.3E+00 U	9.1E-01 U	4.8E-03	1.1E-01 U	5.4E-02 U	1.7E-02 U	1.0E-02 U	2.1E-01 U	1.2E-01 U	1.7E-01 U	5.0E-01 U	7.5E-01 UJ	1.3E-01 U	2.6E-01 U	2.5E-01 U	1.8E-01 U	5.6E-03 U	6.0E-03 U
Acetone	2.4E-01 U	1.8E-02 U	1.2E+02 U	6.0E+00 U	2.4E+01 U	1.2E+01 U	2.3E-01 U	3.0E+00 U	2.1E+00 U	7.5E-02	2.5E-01 U	1.2E-01 U	1.3E-01	1.5E-01	4.8E-01 U	2.9E-01 U	3.9E-01 U	1.2E+00 U	1.7E+00 U	2.9E-01 U	6.1E-01 U	5.9E-01 U	4.3E-01 U	1.4E-02	3.7E-02 U
alpha-Chlorotoluene	2.1E-01 U	1.6E-02 U	1.1E+02 U	5.3E-01 U	2.1E+00 U	1.1E+01 U	2.1E-01 U	1.6E+00 U	1.1E+00 U	6.4E-03 U	1.4E-01 U	6.8E-02 U	2.1E-02 U	1.3E-02 U	2.6E-01 U	1.6E-01 U	2.1E-01 U	6.4E-01 U	9.5E-01 U	1.6E-01 U	3.3E-01 U	3.2E-01 U	2.3E-01 U	7.1E-03 U	8.0E-03 U
Benzene	3.2E-02 U	2.4E-03 U	1.6E+01 U	8.1E-01 U	3.2E+00 U	1.6E+00 U	3.1E-02 U	1.0E+00 U	7.1E-01 U	1.5E-02	8.5E-02 U	4.2E-02 U	1.3E-02 U	6.9E-02	1.6E-01 U	9.7E-02 U	1.3E-01 U	3.9E-01 U	5.9E-01 U	9.9E-02 U	2.1E-01 U	2.0E-01 U	1.4E-01 U	4.4E-03 U	5.0E-03 U
Bromodichloromethane	6.6E-02 U	5.0E-03 U	3.3E+01 U	1.7E+00 U	6.7E-01 U	3.3E+00 U	6.5E-02 U	2.1E+00 U	1.5E+00 U	8.0E-03 U	1.8E-01 U	8.8E-02 U	2.8E-02 U	1.7E-02 U	3.4E-01 U	2.0E-01 U	2.7E-01 U	8.2E-01 U	1.2E+00 U	2.1E-01 U	4.3E-01 U	4.2E-01 U	3.0E-01 U	9.1E-03 U	1.0E-02 U
Bromoform	1.0E-01 U	7.8E-03 U	5.2E+01 U	2.6E+00 U	1.0E+01 U	5.2E+00 U	1.0E-01 U	3.3E+00 U	2.3E+00 U	1.2E-02 U	2.7E-01 U	1.4E-01 U	4.3E-02 U	2.6E-02 U	5.2E-01 U	3.1E-01 U	4.2E-01 U	1.3E+00 U	1.9E+00 U	3.2E-01 U	6.7E-01 U	6.4E-01 U	4.6E-01 U	1.4E-02 U	1.6E-02 U
Bromomethane	4.0E-02 U	3.0E-03 U	2.0E+01 U	1.0E-01 U	4.0E-01 U	2.0E+00 U	3.9E-02 U	1.2E+00 U	8.6E-01 U	4.8E-03 U	1.0E-01 U	5.1E-02 U	1.6E-02 U	9.9E-03 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	4.8E-01 U	7.1E-01 U	1.2E-01 U	2.5E-01 U	2.4E-01 U	1.7E-01 U	5.3E-03 U	6.1E-02 U
Carbon disulfide	3.1E-02 U	2.4E-03 U	1.6E+01 U	7.8E-01 U	3.1E+00 U	1.6E+00 U	3.0E-02 U	9.9E-01 U	6.9E-01 U	3.8E-03 U	8.3E-02 U	5.4E-02	1.1E-01	2.0E-01	1.6E-01 U	9.4E-02 U	1.3E-01 U	3.8E-01 U	2.3E+00 U	9.6E-02 U	8.0E-01 U	7.7E-01 U	5.6E-01 U	5.8E-02	2.0E-02 U
Carbon tetrachloride	6.1E-02 U	8.7E-03	3.1E+01 U	2.6E-01	2.1E+00	7.4E+00	6.0E-02 U	2.7E+00	2.1E+01	2.0E-02	8.6E-01	2.0E-01	2.6E-02 U	1.6E-02 U	3.2E-01 U	1.9E-01 U	2.6E-01 U	7.7E-01 U	1.2E+00	9.1E-01	8.8E-01	4.7E-01	3.0E-01	8.6E-03 U	9.0E-03 U
Chlorobenzene	4.6E-02 U	3.5E-03 U	2.3E+01 U	1.2E+00 U	4.7E+00 U	2.3E+00 U	4.5E-02 U	1.5E+00 U	1.0E+00 U	5.6E-03 U	1.2E-01 U	6.1E-02 U	1.9E-02 U	1.2E-02 U	2.3E-01 U	1.6E-01	1.9E-01 U	5.7E-01 U	8.4E-01 U	1.4E-01 U	3.0E-01 U	2.8E-01 U	2.1E-01 U	6.3E-03 U	7.0E-03 U
Chloroethane	2.6E-02 U	2.0E-03 U	1.3E+01 U	6.7E-02 U	2.7E+00 U	1.3E+00 U	2.6E-02 U	8.4E-01 U	5.8E-01 U	3.2E-03 U	7.0E-02 U	3.5E-02 U	1.1E-02 U	6.7E-03 U	1.3E-01 U	8.0E-02 U	1.1E-01 U	3.2E-01 U	1.9E+00 U	3.3E-01 U	6.8E-01 U	6.5E-01 U	4.7E-01 U	1.4E-02 U	1.6E-02 U
Chloroform	3.6E+02	3.9E+02	8.5E+02	1.5E+01	2.5E+02	9.5E+02	2.3E+00	5.0E+02	7.6E+02	1.6E+00	4.6E+01	1.0E+01	5.2E-02	1.8E-01	2.1E+00	1.4E-01 U	4.4E-01	4.0E+02	2.0E+02	1.1E+02	1.1E+02	8.0E+01	4.1E+01	6.7E-03 U	7.0E-03 U
Chloromethane	2.1E-02 U	1.6E-03 U	1.0E+01 U	5.2E-01 U	2.1E+00 U	1.0E+00 U	2.0E-02 U	2.6E+00 U	1.8E+00 U	1.0E-02 U	2.2E-01 U	1.1E-01 U	3.4E-02 U	2.1E-02 U	4.2E-01 U	2.5E-01 U	3.4E-01 U	1.0E+00 U	1.5E+00 U	2.6E-01 U	5.3E-01 U	5.1E-01 U	3.7E-01 U	1.1E-02 U	3.2E-02 U
cis-1,2-Dichloroethene	4.0E-02 U	3.0E-03 U	2.0E+01 U	1.0E-01 U	4.0E-01 U	2.0E+00 U	3.9E-02 U	1.3E+00 U	8.8E-01 U	4.8E-03 U	1.0E-01 U	5.2E-02 U	1.6E-02 U	1.0E-02 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	4.9E-01 U	7.3E-01 U	1.2E-01 U	2.6E-01 U	2.4E-01 U	1.8E-01 U	5.4E-03 U	6.0E-03 U
cis-1,3-Dichloropropene	4.6E-02 U	3.5E-03 U	2.3E+01 U	1.2E+00 U	4.7E-01 U	2.3E+00 U	4.5E-02 U	1.4E+00 U	1.0E+00 U	5.6E-03 U	1.2E-01 U	6.0E-02 U	1.9E-02 U	1.2E-02 U	2.3E-01 U	1.4E-01 U	1.9E-01 U	5.6E-01 U	8.3E-01 U	1.4E-01 U	2.9E-01 U	2.8E-01 U	2.0E-01 U	6.2E-03 U	7.0E-03 U
Cyclohexane	3.3E-02 U	1.0E-02	1.7E+01 U	8.3E-02 U	3.3E-01 U	1.7E+00 U	3.2E-02 U	1.1E+00 U	8.6E-01	4.0E-03 U	9.2E-02 U	4.5E-02 U	1.4E-02 U	1.5E-02	1.7E-01 U	1.0E-01 U	1.4E-01 U	4.2E-01 U	6.3E-01 U	1.1E-01 U	2.2E-01 U	2.1E-01 U	1.5E-01 U	4.7E-03 U	5.0E-03 U
Dibromochloromethane	8.6E-02 U	6.5E-03 U	4.3E+01 U	2.2E+00 U	8.7E+00 U	4.3E+00 U	8.4E-02 U	2.7E+00 U	1.9E+00 U	1.0E-02 U	2.3E-01 U	1.1E-01 U	3.5E-02 U	2.2E-02 U	4.3E-01 U	2.6E-01 U	3.5E-01 U	1.0E+00 U	1.6E+00 U	2.6E-01 U	5.5E-01 U	5.3E-01 U	3.8E-01 U	1.2E-02 U	1.3E-02 U
Dichlorodifluoromethane (Freon 12)	5.9E+00	3.7E-03 U	2.5E+01 U	1.2E+00 U	4.9E+00	2.5E+00 U	3.6E+00	5.1E+00	5.7E+00	5.9E-03 U	1.3E-01 U	4.3E+00	6.1E+00	4.4E+00	3.7E+00	2.5E+00	1.3E+01	2.9E+00	2.9E+00	3.0E+00	2.6E+00	2.2E+00	2.7E+00	1.8E+00	1.8E+00
Dichlorotetrafluoroethane (Freon 114)	6.9E-02 U	5.3E-03 U	3.5E+01 U	1.8E-01 U	7.0E-01 U	3.5E+00 U	6.8E-02 U	2.2E+00 U	1.5E+00 U	8.4E-03 U	1.8E-01 U	9.2E-02 U	2.9E-02 U	1.8E-02 U	3.5E-01 U	2.1E-01 U	2.9E-01 U	8.6E-01 U	1.3E+00 U	2.2E-01 U	4.5E-01 U	4.3E-01 U	3.1E-01 U	9.5E-03 U	1.1E-02 U
Ethanol	--	--	--	--	--	--	--	2.4E+00 U	1.7E+00 U	1.9E-02	2.0E-01 U	9.9E-02 U	3.1E-02	2.7E-01	3.8E-01 U	2.3E-01 U	3.1E-01 U	9.3E-01 U	1.4E+00 U	2.3E-01 U	4.9E-01 U	4.7E-01 U	3.4E-01 U	1.0E-02	1.2E-02 U
Ethyl acetate	3.6E-02 U	2.7E-03 U	1.8E+01 U	9.0E-02 U	3.6E+00 U	1.8E+00 U	3.5E-02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	4.3E-02 U	3.3E-03 U	2.2E+01 U	1.1E+00 U	4.3E-01 U	2.2E+00 U	4.2E-02 U	1.4E+00 U	9.6E-01 U	5.2E-03 U	1.2E-01 U	5.7E-02 U	1.8E-02 U	9.9E-02	2.2E-01 U	1.3E-01 U	1.8E-01 U	5.3E-01 U	8.0E-01 U	1.3E-01 U	2.8E-01 U	2.7E-01 U	1.9E-01 U	5.9E-03 U	6.0E-03 U
Heptane	4.0E-02 U	3.0E-03 U	2.0E+01 U	1.0E-01 U	4.0E+00 U	2.0E+00 U	3.9E-02 U	1.3E+00 U	9.1E-01 U	4.8E-03 U	1.1E-01 U	5.4E-02 U	1.7E-02 U	2.6E-02	2.1E-01 U	1.2E-01 U	1.7E-01 U	5.0E-01 U	7.5E-01 U	1.3E-01 U	2.6E-01 U	2.5E-01 U	1.8E-01 U	5.6E-03 U	6.0E-03 U
Hexachlorobutadiene	2.2E-01 U	1.6E-02 U	1.1E+02 U	5.4E+00 U	2.2E+00 U	1.1E+01 U	2.1E-01 U	1.4E+01 U	9.4E+00 U	5.2E-02 U	1.1E+00 UJ	5.6E-01 U	1.8E-01 U	1.1E-01 U	2.2E+00 U	1.3E+00 U	1.7E+00 U	5.2E+00 U	7.8E+00 U	1.3E+00 U	2.8E+00 U	2.6E+00 U	1.9E+00 U	5.8E-02 U	6.7E-02 U
Hexane	3.6E-02 U	2.8E-03 U	1.8E+01 U	9.2E-02 U	3.7E-01 U	1.8E+00 U	3.6E-02 U	1.1E+00 U	7.8E-01 U	4.4E-03 U	9.4E-02 U	4.6E-02 U	1.4E-02 U	2.6E-02	1.8E-01 U	1.1E-01 U	1.4E-01 U	4.3E-01 U	6.5E-01 U	1.1E-01 U	2.3E-01 U	2.2E-01 U	1.6E-01 U	4.8E-03 U	5.0E-03 U
Isopropylbenzene	--	--	--	--	--	--	--	1.6E+00 U	1.1E+00 U	6.0E-03 U	6.1E-01	2.1E-01	1.1E-01	1.1E-01	2.5E-01 U	1.5E-01 U	2.0E-01 U	6.0E-01 U	9.0E-01 U	1.5E-01 U	3.2E-01 U	3.0E-01 U	2.2E-01 U	6.7E-03 U	7.0E-03 U
m,p-Xylene	8.7E-02 U	6.5E-03 U	4.3E+01 U	2.2E+00 U	8.7E+00 U	4.3E+00 U	8.2E-02 U	1.4E+00 U	9.6E-01 U	5.2E-03 U	1.2E-01 U	5.7E-02 U	1.8E-02 U	2.8E-01	2.2E-01 U	1.3E-01 U	1.8E-01 U	5.3E-01 U	8.0E-01 U	1.3E-01 U	2.8E-01 U	2.7E-01 U	1.9E-01 U	6.0E-03	6.0E-03 U
Methyl tert-butyl ether	7.3E-02 U	5.5E-03 U	3.7E+01 U	1.8E-01 U	7.3E+00 U	3.7E+00 U	7.0E-02 U	1.2E+00 U	8.0E-01 U	4.4E-03 U	9.6E-02 U	4.8E-02 U	1.5E-02 U	9.2E-03 U	1.8E-01 U	1.1E-01 U	1.5E-01 U	4.4E-01 U	6.6E-01 U	1.1E-01 U	2.3E-01 U	2.2E-01 U	1.6E-01 U	4.9E-03 U	5.0E-03 U
Methylene chloride	1.6E+00	2.3E-02	1.7E+01 U	1.4E-01	1.9E+00	3.5E+00	3.4E-02 U	2.0E+00	2.5E+00	5.2E-03	1.3E-01	4.6E-02 U	4.3E-02	9.1E-03	2.1E+00	1.3E+00	1.4E-01 U	2.7E+00	1.1E+00	7.3E-01	8.6E-01	7.4E-01	1.3E+00	5.5E-03	5.4E-02 U
n-Propylbenzene	--	--	--	--	--	--	--	1.6E+00 U	1.1E+00 U	6.0E-03 U	1.3E-01 U	6.5E-02 U	2.0E-02 U	1.6E-02	2.5E-01 U	1.5E-01 U	2.0E-01 U	6.0E-01 U	9.0E-01 U	1.5E-01 U	3.2E-01 U	3.0E-01 U	2.2E-01 U	6.7E-03 U	7.0E-03 U
o-Xylene	4.3E-02 U	3.3E-03 U	2.2E+01 U	1.1E+00 U	4.3E+00 U	2.2E+00 U	4.2E-02 U	1.4E+00 U	9.6E-01 U	5.2E-03 U	1.2E-01 U	5.7E-02 U	1.8E-02 U	7.7E-02	2.2E-01 U	1.3E-01 U	1.8E-01 U	5.3E-01 U	8.0E-01 U	1.3E-01 U	2.8E-01 U	2.7E-01 U	1.9E-01 U	5.9E-03 U	6.0E-03 U
Propene	1.7E-02 U	1.3E-03 U	8.6E+00 U	4.3E-02 U	1.7E-01 U	8.6E-01 U	6.5E-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	4.3E-02 U	3.3E-03 U	2.2E+01 U	1.1E+00 U	4.3E-01 U	2.2E+00 U	4.2E-02 U	1.4E+00 U	9.4E-01 U	5.2E-03 U	1.1E-01 U	5.6E-02 U	1.8E-02 U	1.1E-02 U	2.2E-01 U	1.3E-01 U	1.7E-01 U	5.2E-01 U	7.8E-01 U	1.3E-01 U	2.7E-01 U	2.6E-01 U	1.9E-01 U	5.8E-03 U	6.0E-03 U
Tetrachloroethene	6.8E-02 U	5.1E-03 U	3.4E+01 U	1.7E-01 U	6.8E-01 U	3.4E+00 U	1.0E-01	2.2E+00 U	1.5E+00 U	8.2E-03 U	1.9E+00	7.1E-01	2.8E-02 U	2.2E-02	3.4E-01 U	2.0E-01 U	2.8E-01 U	8.3E-01 U	1.2E+00 U	2.1E-01 U	4.4E-01 U	4.2E-01 U	3.0E-01 U	9.2E-03 U	1.1E-02 U
Tetrahydrofuran	1.2E-01 U	8.9E-03 U	5.9E+01 U	3.0E+00 U	1.2E+01 U	5.9E+00 U	1.2E-01 U	9.4E-01 U	6.5E-01 U	1.5E-02	7.8E-02 U	5.9E-02	3.3E-01	1.1E-01	1.5E-01 U	8.9E-02 U	1.2E-01 U	3.6E-01 U	5.4E-01 U	9.1E-02 U	1.9E-01 U	1.8E-01 U	1.3E-01 U	4.0E-03 U	4.0E-03 U
Toluene	3.6E-02 U	2.8E-03 U	1.8E+01 U	9.2E-02 U	3.7E-01 U	1.8E+00 U	3.6E-02 U	1.2E+00 U	8.3E-01 U	1.3E-02	1.0E-01 U	5.0E-02 U	1.6E-02 U	6.0E-01	1.9E-01 U	1.1E-01 U	1.5E-01 U	4.6E-01 U	6.9E-01 U	1.2E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	7.0E-03	5.0E-03 U
trans-1,2-Dichloroethene	4.0E-02 U	3.0E-03 U	2.0E+01 U	1.0E+00 U	4.0E+00 U	2.0E+00 U	3.9E-02 U	1.3E+00 U	8.8E-01 U	4.8E-03 U	1.0E-01 U	5.2E-02 U	1.6E-02 U	1.0E-02 U	2.0E-01 U	1.2E-01 U	1.6E-01 U	4.9E-01 U	7.3E-01 U	1.2E-01 U	2.6E-01 U	2.4E-01 U	1.8E-01 U	5.4E-03 U	6.0E-03 U
trans-1,3-Dichloropropene	4.6E-02 U	3.5E-03 U	2.3E+01 U	1.2E-01 U	4.7E-01 U	2.3E+00 U	4.5E-02 U	1.4E+00 U	1.0E+00 U	5.6E-03 U	1.2E-01 U	6.0E-02 U	1.9E-02 U	1.2E-02 U	2.3E-01 U	1.4E-01 U	1.9E-01 U	5.6E-01 U	8.3E-01 U	1.4E-01 U	2.9E-01 U	2.8E-01 U	2.0E-01 U	6.2E-03 U	7.0E-03 U
Trichloroethene	5.1E-02 U	3.9E-03 U	2.6E+01 U	1.3E+00 U	5.2E+00 U	2.6E+00 U	5.7E-02	1.7E+00 U	1.2E+00 U	6.2E-03 U	2.2E+00	5.1E-01	2.2E-02 U	1.4E-02 U	2.7E-01 U	1.5E-01 U	2.2E-01 U	6.6E-01 U	9.9E-01 U	1.7E-01 U	3.5E-01 U	3.3E-01 U	2.4E-01 U	7.3E-03 U	8.0E-03 U
Trichlorofluoromethane (Freon 11)	6.9E+02	1.8E+01	4.1E+02	1.1E+01	2.7E+02	4.4E+02	1.1E-01	3.4E+02	2.0E+02	9.7E-02	3.0E+00	4.9E-01	2.3E-02 U	1.4E-02 U	2.1E+02	1.4E+02	8.7E+01	3.4E+02	1.4E+02	7.3E+01	5.2E+01	1.8E+01	7.7E+01	7.7E-03 U	8.0E-03 U
Vinyl acetate	7.0E-02 U	2.6E-03 U	1.8E+01 U	8.8E-02 U	3.5E-01 U	1.8E+00 U	3.4E-02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl bromide	4.3E-02 U	3.3E-03 U	2.2E+01 U	1.1E+00 U	4.4E+00 U	2.2E+00 U	4.2E-02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	2.5E-02 U	1.9E-03 U	1.3E+01 U	6.4E-02 U	2.6E-01 U	1.3E+00 U	2.5E-02 U	8.2E-01 U	5.7E-01 U	3.1E-03 U	6.8E-02 U	3.4E-02 U	1.1E-02	9.3E-03	1.3E-01 U	7.7E-02 U	1.0E-01 U	3.1E-01 U	4.7E-01 U	7.9E-02 U	1.6E-01 U	1.6E-01 U	1.1E-01 U	3.5E-03 U	4.0E-03 U

Notes
1. Data qualifiers are as follows:
-- = no data available.
J = reported result is the estimated concentration.
U = analyte not detected at reporting limit indicated.
UJ = analyte not detected at estimated reporting limit indicated.
2. Volatile organic compounds (VOCs) analyzed by EPA Method TO-15.

Abbreviations
EDB = ethylene dibromide
EPA = US Environmental Protection Agency
MEK = methyl ethyl ketone
MIBK = methyl isobutyl ketone

TABLE I-6

ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES AT SOIL VAPOR MONITORING WELLS[1,2]
Page-Trowbridge Ranch Landfill
Pinal County, Arizona

Concentrations shown in miligrams per cubic meter (mg/m^3)

Analyte / Sample Date	SGS-SP 12/29/2003	SGS-SP 5/12/2006	SGS-SP-Dup[3] 5/12/2006	SGS-SP 11/15/2006	SGS-SP-Dup[3] 11/15/2006	SGS-SP 5/2/2007	SGS-SP[4] 12/19/2007	SGS-SP 4/9/2008	SGS-SP 10/20/2008	SGS-SP 4/15/2009	SGS-SP 11/18/2009	SGS-SP 10/13/2010	SGS-SP 4/20/2011	SGS-SP 10/18/2011	SGS-SP 11/3/2011	SGS-SP 12/22/2011	SGS-SP 1/24/2012	SGS-SP 3/1/2012	SGS-SP 3/12/2012	SGS-SP 3/29/2012	SGS-Well 12/29/2003	SGS-Well 5/12/2006	SGS-Well 11/15/2006	SGS-Well 4/25/2007	SGS-Well 11/3/2011	SGS-Well 12/22/2011	SGS-well 3/5/2012	SGS-well-DUP 3/5/2012	SGS-Well 3/8/2012	SGS-Well-DUP 3/8/2012	SGS-Well 3/12/2012	SGS-WELL 3/29/2012
1,1,1-Trichloroethane	--	8.0E-01	7.5E-01	ND	ND	ND	2.6E+00 U	9.6E-01 U	1.3E+00 U	9.1E-02 U	6.9E-02 U	3.8E-02 U	4.0E-02 U	3.9E-02 U	4.7E-02 U	6.5E-02	2.5E-01 U	1.6E-01	3.8E-02 U	2.0E-02 U	--	7.5E-01	ND	ND	9.2E-01 U	3.0E-02 U	1.3E+00 U	3.9E-01 U	1.9E+00 U	1.9E+00 U	1.1E+00 U	1.2E+00 U
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	3.4E+00 U	1.3E+00 U	1.8E+00 U	1.2E-01 U	9.1E-02 U	5.0E-02 U	5.0E-02 U	4.9E-02 U	5.9E-02 U	5.5E-02 U	3.2E-01 U	1.1E-01 U	4.7E-02 U	2.4E-02 U	--	--	--	--	1.2E+00 U	3.7E-02 U	1.6E+00 U	4.9E-01 U	2.4E+00 U	2.4E+00 U	1.3E+00 U	1.5E+00 U
1,1,2-Trichloroethane	--	--	--	--	--	--	--	9.6E-01 U	1.3E+00 U	2.8E-01 U	6.9E-02 U	3.8E-02 U	4.0E-02 U	3.9E-02 U	4.7E-02 U	4.4E-02 U	2.5E-01 U	9.0E-02 U	3.8E-02 U	2.0E-02 U	--	--	--	--	9.2E-01 U	3.0E-02 U	1.3E+00 U	3.9E-01 U	1.9E+00 U	1.9E+00 U	1.1E+00 U	1.2E+00 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	3.5E+01	8.6E+01	9.4E+01	1.6E+01	2.1E+01		--	1.4E+01	1.7E+01	2.3E-01	3.1E-01	3.4E-01	3.6E-01	1.0E-01	6.8E-01	2.5E+00	4.6E+00	4.6E+00	1.2E-01	6.5E-02	4.6E+01	9.4E+01	7.3E+01	3.8E+00	5.4E+00	2.5E-01	7.4E+00	7.2E+00	1.1E+01	1.1E+01	9.6E+00	9.9E+00
1,1-Dichloroethane	--	1.1E+00	1.2E+00	ND	ND	ND	1.9E+00 U	7.2E-01 U	1.0E+00 U	6.8E-02 U	5.2E-02 U	2.9E-02 U	3.0E-02 U	2.9E-02 U	3.5E-02 U	4.0E-02	1.9E-01 U	1.3E-01	2.8E-02 U	1.4E-02 U	--	1.3E+00	ND	ND	6.8E-01 U	2.2E-02 U	9.7E-01 U	2.9E-01 U	1.4E+00 U	1.4E+00 U	7.9E-01 U	9.1E-01 U
1,1-Dichloroethene	6.0E+00	1.3E+01	1.4E+01	3.4E+00	4.4E+00	ND	2.7E+00	1.7E+00	2.3E+00	2.1E-01 U	1.2E-01	7.5E-02	9.8E-02	8.7E-02	1.1E-01	2.6E-01	3.8E-01	6.4E-01	5.8E-02	4.4E-02	7.3E+00	1.5E+01	ND	ND	6.7E-01 U	2.8E-02	9.5E-01 U	8.6E-01	1.4E+00 U	1.4E+00 U	9.5E-01 J	8.9E-01
1,1-Difluoroethane	--	--	--	--	--	--	1.9E+01	2.0E+00 U	2.9E+00 U	2.0E-01 U	--	--	--	--	--	8.7E-02 U	5.0E-01 U	1.8E-01 U	7.4E-02 U	3.9E-02 U	--	--	--	--	--	2.0E+01 J	2.6E+00 U	7.7E-01 U	3.8E+00 U	3.7E+00 U	2.1E+00 U	2.4E+00 U
1,2,4-Trichlorobenzene	--	--	--	--	--	--	3.8E-02 U	5.3E+00 U	7.4E+00 U	1.6E+00 U	3.8E-01 UJ	2.2E-01 U	2.2E-01 U	2.1E-01 U	2.5E-01 U	2.4E-01 U	1.4E+00 U	4.9E-01 U	2.0E-01 U	1.1E-01 U	--	--	--	--	5.0E+00 U	1.6E-01 U	7.1E+00 U	2.1E+00 U	1.0E+01 U	1.0E+01 U	5.8E+00 U	6.6E+00 U
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	9.0E-01 U	1.3E+00 U	8.5E-02 U	6.5E-02 U	3.6E-02 U	3.6E-02 U	3.5E-02 U	4.2E-02 U	4.0E-02 U	2.3E-01 U	3.3E-01 U	3.4E-02 U	1.8E-02 U	--	--	--	--	8.2E-01 U	2.7E-02 U	1.2E+00 U	1.4E+00 U	1.7E+00 U	1.7E+00 U	9.6E-01 U	1.1E+00 U
1,2-Dibromoethane (EDB)	--	--	--	--	--	--	1.4E+00 U	1.4E+00 U	1.9E+00 U	1.3E-01 U	1.0E-01 U	5.5E-02 U	5.6E-02 U	5.5E-02 U	6.6E-02 U	6.2E-02 U	3.6E-01 U	1.3E-01 U	5.3E-02 U	2.8E-02 U	--	--	--	--	1.3E+00 U	4.2E-02 U	1.8E+00 U	5.4E-01 U	2.7E+00 U	2.6E+00 U	1.5E+00 U	1.7E+00 U
1,2-Dichlorobenzene	--	--	--	--	--	--	--	1.1E+00 U	1.5E+00 U	1.0E-01 U	7.8E-02 U	4.3E-02 U	4.4E-02 U	4.3E-02 U	5.1E-02 U	4.8E-02 U	2.8E-01 U	1.0E-01 U	4.1E-02 U	2.2E-02 U	--	--	--	--	1.0E+00 U	3.3E-02 U	1.4E+00 U	4.3E-01 U	2.1E+00 U	2.1E+00 U	1.2E+00 U	1.3E+00 U
1,2-Dichloroethane	--	4.0E-01	4.1E-01	ND	ND	ND	2.0E+00 U	7.4E-01 U	1.0E+00 U	1.1E-01	1.2E-01	6.9E-02	7.5E-02	5.9E-02	6.4E-02	1.1E-01	1.9E-01 U	3.1E-01	7.2E-02	5.0E-02	--	4.5E-01	ND	ND	3.0E+00	1.0E-01	3.0E+00	2.5E+00	5.4E+00	5.5E+00	2.8E+00	3.7E+00
1,2-Dichloropropane	--	1.1E+00	1.2E+00	ND	ND	ND	3.5E-03 U	8.4E-01 U	1.2E+00 U	7.9E-02 U	6.1E-02 U	3.4E-02 U	3.4E-02 U	3.3E-02 U	4.0E-02 U	3.7E-02 U	2.1E-01 U	1.0E-01	3.2E-02 U	1.6E-02 U	--	1.1E+00	ND	ND	7.8E-01 U	2.5E-02 U	1.1E+00 U	4.6E-01	1.6E+00 U	1.6E+00 U	9.0E-01 U	1.0E+00 U
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	9.0E-01 U	1.3E+00 U	8.5E-02 U	6.5E-02 U	3.6E-02 U	3.6E-02 U	3.5E-02 U	4.2E-02 U	4.0E-02 U	2.3E-01 U	8.2E-02 U	3.4E-02 U	1.8E-02 U	--	--	--	--	8.2E-01 U	2.7E-02 U	1.2E+00 U	3.5E-01 U	1.7E+00 U	1.7E+00 U	9.6E-01 U	1.1E+00 U
1,3-Butadiene	--	--	--	--	--	--	--	4.0E-01 U	5.6E-01 U	1.2E-01 U	2.9E-02 U	1.6E-02 U	1.6E-02 U	1.6E-02 U	1.9E-02 U	1.8E-02 U	1.0E-01 U	3.7E-02 U	1.5E-02 U	7.9E-03 U	--	--	--	--	3.7E-01 U	1.2E-02 U	5.3E-01 U	1.6E-01 U	7.8E-01 U	7.6E-01 U	4.3E-01 U	5.0E-01 U
1,3-Dichlorobenzene	--	--	--	--	--	--	--	1.1E+00 U	1.5E+00 U	1.0E-01 U	7.8E-02 U	4.3E-02 U	4.4E-02 U	4.3E-02 U	5.1E-02 U	4.8E-02 U	2.8E-01 U	1.0E-01 U	4.1E-02 U	2.2E-02 U	--	--	--	--	1.0E+00 U	3.3E-02 U	1.4E+00 U	4.3E-01 U	2.1E+00 U	2.1E+00 U	1.2E+00 U	1.3E+00 U
1,3-Dichloropropane	--	--	--	--	--	--	8.6E+00 U	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	
1,4-Dichlorobenzene	--	--	--	--	--	--	--	1.1E+00 U	1.5E+00 U	3.1E-01 U	7.8E-02 U	4.3E-02 U	4.4E-02 U	4.3E-02 U	5.1E-02 U	4.8E-02 U	2.8E-01 U	1.0E-01 U	4.1E-02 U	2.2E-02 U	--	--	--	--	1.0E+00 U	3.3E-02 U	1.4E+00 U	4.3E-01 U	2.1E+00 U	2.1E+00 U	1.2E+00 U	1.3E+00 U
1,4-Dioxane	--	--	--	--	--	--	2.6E+00 U	2.6E+00 U	3.6E+00 U	2.5E-01 U	1.9E-01 U	1.1E-01 U	1.0E-01 U	1.0E-01 U	1.2E-01 U	1.2E-01 U	6.7E-01 U	2.4E-01 U	9.9E-02 U	5.2E-02 U	--	--	--	--	2.4E+00 U	7.8E-02 U	3.4E+00 U	1.0E+00 U	5.1E+00 U	5.0E+00 U	2.8E+00 U	3.2E+00 U
2,2,4-Trimethylpentane	--	--	--	--	--	--	--	8.4E-01 U	1.2E+00 U	2.4E-01 U	6.1E-02 U	3.4E-02 U	3.4E-02 U	3.3E-02 U	4.0E-02 U	3.8E-02 U	2.2E-01 U	7.8E-02 U	3.2E-02 U	1.7E-02 U	--	--	--	--	7.8E-01 U	2.5E-02 U	1.1E+00 U	1.0E+00	1.6E+00 U	1.6E+00 U	9.1E-01 U	1.0E+00 U
2,3-Dimethylbutane	--	8.1E-01	1.1E+00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	1.3E+00	--	--	--	--	--	--	--	--	--	
2-Butanone (MEK)	--	8.6E-01	ND	ND	ND	ND	1.5E-03 U	5.3E-01 U	7.4E-01 U	5.0E-02 U	3.9E-02 U	2.1E-02 U	8.7E-02 U	8.4E-02 U	1.0E-01 U	9.5E-02 U	5.5E-01 U	2.0E-01 U	8.1E-02 U	4.2E-02 U	--	ND	ND	ND	2.0E+00 U	6.4E-02 U	2.8E+00 U	8.4E-01 U	4.2E+00 U	4.0E+00 U	2.3E+00 U	2.6E+00 U
2-Hexanone	--	--	--	--	--	--	8.3E-03 U	2.9E+00 U	4.1E+00 U	2.9E-01 U	2.1E-01 U	1.2E-01 U	1.2E-01 U	1.2E-01 U	1.4E-01 U	1.3E-01 U	7.6E-01 U	2.7E-01 U	1.1E-01 U	5.9E-02 U	--	--	--	--	2.8E+00 U	8.9E-02 U	3.9E+00 U	1.2E+00 U	5.8E+00 U	5.6E+00 U	3.2E+00 U	3.7E+00 U
2-Methylpentane	--	4.2E-01	3.9E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	6.0E-01	--	--	--	--	--	--	--	--	--	
2-Propanol	--	--	--	--	--	--	--	1.8E+00 U	2.5E+00 U	5.3E-01 U	1.3E-01 U	7.3E-02 U	7.2E-02 U	7.0E-02 U	8.4E-02 U	7.9E-02 U	4.6E-01 U	1.6E-01 U	6.8E-02 U	3.5E-02 U	--	--	--	--	1.6E+00 U	5.4E-02 U	3.2E+00	7.0E-01 U	4.6E+00	4.7E+00	1.9E+00 U	2.2E+00 U
3-Chloropropene	--	--	--	--	--	--	3.2E-01 U	2.2E+00 U	3.1E+00 U	2.2E-01 U	1.6E-01 U	9.2E-02 U	9.2E-02 U	9.0E-02 U	1.1E-01 U	1.0E-01 U	5.8E-01 U	2.1E-01 U	8.6E-02 U	4.5E-02 U	--	--	--	--	2.1E+00 U	6.8E-02 U	3.0E+00 U	8.9E-01 U	4.4E+00 U	4.3E+00 U	2.4E+00 U	2.8E+00 U
3-Methylpentane	--	6.0E-01	9.2E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	9.9E-01	--	--	--	--	--	--	--	--	--	
4-Ethyltoluene	--	--	--	--	--	--	--	9.0E-01 U	1.3E+00 U	2.6E-01 U	6.5E-02 U	3.6E-02 U	3.6E-02 U	3.5E-02 U	4.2E-02 U	4.0E-02 U	2.3E-01 U	8.2E-02 U	3.4E-02 U	1.8E-02 U	--	--	--	--	8.2E-01 U	2.7E-02 U	1.2E+00 U	3.5E-01 U	1.7E+00 U	1.7E+00 U	9.6E-01 U	1.1E+00 U
4-Methyl-2-pentanone (MIBK)	--	--	--	--	--	--	1.9E+00 U	7.2E-01 UJ	1.0E+00 U	6.8E-02 U	5.2E-02 U	2.9E-02 U	3.0E-02 U	2.9E-02 U	3.5E-02 U	3.3E-02 U	1.9E-01 U	6.8E-02 U	2.8E-02 U	1.5E-02	--	--	--	--	6.9E-01 U	2.2E-02 U	9.8E-01 U	2.9E-01 U	1.4E+00 U	1.4E+00 U	8.0E-01 U	9.2E-01 U
Acetone	--	ND	ND	ND	ND	ND	4.6E+00 U	1.7E+00 U	2.4E+00 U	5.1E-01 U	1.2E-01 U	7.0E-02 U	7.0E-02 U	6.8E-02 U	1.3E-01	7.7E-02 J	4.4E-01 U	1.6E-01 U	1.6E-01 U	8.5E-02 U	--	ND	ND	ND	1.6E+00 U	5.2E-02 U	5.7E+00 U	6.7E-01 U	8.4E+00 U	8.2E+00 U	4.6E+00 U	5.3E+00 U
alpha-Chlorotoluene	--	--	--	--	--	--	--	9.6E-01 U	1.3E+00 U	9.1E-02 U	6.9E-02 U	3.8E-02 U	3.8E-02 U	3.7E-02 U	4.4E-02 U	4.2E-02 U	2.4E-01 U	3.4E-01 U	3.6E-02 U	1.8E-02 U	--	--	--	--	8.7E-01 U	2.8E-02 U	1.2E+00 U	1.5E+00 U	1.8E+00 U	1.8E+00 U	1.0E+00 U	1.2E+00 U
Benzene	--	4.2E-01	3.6E-01	ND	ND	ND	1.3E+00 U	5.8E-01 U	8.1E-01 U	1.7E-01 U	4.2E-02 U	2.3E-02 U	2.3E-02 U	2.3E-02 U	2.7E-02 U	2.6E-02 U	1.5E-01 U	5.3E-02 U	2.2E-02 U	1.1E-02 U	--	3.9E-01	ND	ND	5.4E-01 U	1.7E-02 U	7.7E-01 U	2.3E-01 U	1.1E+00 U	1.1E+00 U	6.2E-01 U	7.2E-01 U
Bromodichloromethane	--	--	--	--	--	--	3.2E+00 U	1.2E+00 U	1.7E+00 U	1.1E-01 U	8.7E-02 U	4.8E-02 U	4.9E-02 U	4.8E-02 U	5.7E-02 U	5.4E-02 U	3.1E-01 U	1.1E-01 U	4.6E-02 U	2.4E-02 U	--	--	--	--	1.1E+00 U	3.6E-02 U	1.6E+00 U	4.8E-01 U	2.4E+00 U	2.3E+00 U	1.3E+00 U	1.5E+00 U
Bromoform	--	--	--	--	--	--	5.0E+00 U	1.9E+00 U	2.6E+00 U	5.4E-01 U	1.3E-01 U	7.4E-02 U	7.6E-02 U	7.4E-02 U	8.8E-02 U	8.3E-02 U	4.8E-01 U	6.9E-01 U	7.1E-02 U	3.7E-02 U	--	--	--	--	1.7E+00 U	5.6E-02 U	2.5E+00 U	2.9E+00 U	3.6E+00 U	3.6E+00 U	2.0E+00 U	2.3E+00 U
Bromomethane	--	--	--	--	--	--	1.9E+00 U	7.2E-01 U	1.0E+00 U	6.8E-02 U	5.2E-02 U	2.9E-02 U	2.8E-02 U	2.8E-02 U	3.3E-02 U	3.1E-02 U	1.8E-01 U	6.4E-02 U	2.7E-01 U	1.4E-01 U	--	--	--	--	6.5E-01 U	2.1E-02 U	9.3E+00 U	2.8E-01 U	1.4E+01 U	1.3E+01 U	7.6E+00 U	8.7E+00 U
Carbon disulfide	ND	--	--	ND	ND	ND	1.6E-03 U	5.6E-01 U	7.8E-01 U	2.5E-01	3.8E-01	3.1E-01	4.2E-01	4.0E-01	2.5E-01	8.4E-02	7.8E-01	1.9E-01	2.3E-01 J	2.0E-01	ND	--	--	ND	2.1E+00 U	6.8E-02 U	3.0E+00 U	2.2E-01 U	4.4E+00 U	4.3E+00 U	2.4E+00 U	2.8E+00 U
Carbon tetrachloride	1.8E+01	5.4E+01	5.4E+01	1.2E+01	1.7E+01	ND	1.6E+01	6.0E+00	8.7E+00	2.0E-01	3.2E-01	2.3E-01	2.9E-01	1.6E-01	4.9E-01	1.8E+00	3.1E+00	4.1E+00	1.4E-01	1.2E-01	2.4E+01	5.1E+01	4.0E+01	2.7E+00	5.9E+00	2.3E-01	7.0E+00	7.0E+00	8.3E+00	8.5E+00	5.4E+00	1.0E+01
Chlorobenzene	--	--	--	--	--	--	9.3E-03 U	8.4E-01 U	1.2E+00 U	2.4E-01 U	6.1E-02 U	3.4E-02 U	3.4E-02 U	3.3E-02 U	3.9E-02 U	3.7E-02 U	2.1E-01 U	7.6E-02 U	3.2E-02 U	1.6E-02 U	--	--	--	--	7.7E-01 U	2.5E-02 U	1.1E+00 U	3.3E-01 U	1.6E+00 U	1.6E+00 U	9.0E-01 U	1.0E+00 U
Chloroethane	--	--	--	--	--	--	1.3E+00 U	4.8E-01 U	6.7E-01 U	4.5E-02 U	3.5E-02 U	1.9E-02 U	7.8E-02 U	7.5E-02 U	9.0E-02 U	8.5E-02 U	4.9E-01 U	1.8E-01 U	7.3E-02 U	3.8E-02 U	--	--	--	--	1.8E+00 U	5.8E-02 U	2.5E+00 U	7.5E-01 U	3.7E+00 U	3.6E+00 U	2.0E+00 U	2.4E+00 U
Chloroform	3.6E+02	8.5E+02	7.6E+02	4.0E+02	4.7E+02	1.1E+02	7.1E+02	1.6E+02	2.9E+02	2.1E+01	1.9E+01	1.0E+01	1.1E+01	1.2E+01	1.0E+01	2.4E+01	4.1E+01	6.7E+01	1.0E+01	5.8E+00	3.7E+02	5.7E+02	7.1E+02	5.7E+01	2.1E+02	8.0E+00	2.1E+02	2.0E+02	3.8E+02	3.9E+02	2.5E+02	2.8E+02
Chloromethane	--	--	--	--	--	--	--	1.5E+00 U	2.1E+00 U	1.4E-01 J	1.6E-01	1.8E-01	1.5E-01	1.6E-01	1.0E-01	6.6E-02 U	3.8E-01 U	1.4E-01 U	1.4E-01 U	7.4E-02 U	--	--	--	--	1.4E+00 U	4.5E-02 U	5.0E+00 U	5.9E-01 U	7.3E+00 U	7.1E+00 U	4.0E+00 U	4.6E+00 U
cis-1,2-Dichloroethene	--	--	--	--	--	--	1.9E+00 U	7.2E-01 U	1.0E+00 U	2.1E-01 U	5.2E-02 U	2.9E-02 U	2.9E-02 U	2.8E-02 U	3.4E-02 U	3.2E-02 U	1.8E-01 U	6.6E-02 U	2.7E-02 U	1.4E-02 U	--	--	--	--	6.7E-01 U	2.2E-02 U	9.5E-01 U	2.8E-01 U	1.4E+00 U	1.4E+00 U	7.7E-01 U	8.9E-01 U
cis-1,3-Dichloropropene	--	--	--	--	--	--	8.4E-01 U	8.4E-01 U	1.2E+00 U	7.9E-02 U	6.1E-02 U	3.4E-02 U	3.3E-02 U	3.2E-02 U	3.9E-02 U	3.6E-02 U	2.1E-01 U	7.5E-02 U	3.1E-02 U	1.6E-02 U	--	--	--	--	7.6E-01 U	2.5E-02 U	1.1E+00 U	3.2E-01 U	1.6E+00 U	1.6E+00 U	8.8E-01 U	1.0E+00 U
Cyclohexane	--	1.4E+00	2.1E+00	ND	ND	ND	--	6.0E-01 U	8.3E-01 U	1.7E-01 U	4.3E-02 U	2.4E-02 U	2.5E-02 U	2.5E-02 U	2.9E-02 U	4.6E-02	1.6E-01 U	1.1E-01	2.4E-02 U	1.2E-02 U	--	2.1E+00	ND	ND	5.8E-01 U	1.9E-02 U	8.3E-01 U	2.4E-01 U	1.2E+00 U	1.2E+00 U	6.7E-01 U	7.7E-01 U
Cyclohexanone	--	4.4E-01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	--	--	--	--	--	--	--	--	--	
Cyclopentane	--	2.2E-01	3.7E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	3.4E-01	--	--	--	--	--	--	--	--	--	
Dibromochloromethane	--	--	--	--	--	--	4.5E-01 U	1.6E+00 U	2.2E+00 U	1.5E-01 U	1.1E-01 U	6.2E-02 U	6.3E-02 U	6.1E-02 U	7.3E-02 U	6.8E-02 U	3.9E-01 U	1.4E-01 U	5.9E-02 U	3.0E-02 U	--	--	--	--	1.4E+00 U	4.6E-02 U	2.0E+00 U	6.0E-01 U	3.0E+00 U	2.9E+00 U	1.6E+00 U	1.9E+00 U
Dichlorodifluoromethane (Freon 12)	--	8.9E+00	1.0E+01	ND	ND	ND	8.9E-03 U	2.6E+00	1.2E+00 U	2.6E-01 U	6.4E-02 U	6.9E-02	7.2E-02	3.5E-02 U	2.2E-01	1.1E+00	2.2E+00 J	2.2E+00	3.4E-02 U	1.8E-02 U	--	--	ND	ND	2.1E+00	2.4E-01	2.8E+00	3.6E+00	3.2E+00	3.7E+00	2.9E+00	3.4E+00
Dichlorotetrafluoroethane (Freon 114)	--	--	--	--	--	--	--	1.3E+00 U	1.8E+00 U	1.2E-01 U	9.1E-02 U	5.0E-02 U	5.1E-02 U	5.0E-02 U	6.0E-02 U	5.6E-02 U	3.2E-01 U	1.2E-01 U	4.8E-02 U	2.5E-02 U	--		--	--	1.2E+00 U	3.8E-02 U	1.7E+00 U	5.0E-01 U	2.5E+00 U	2.4E+00 U	1.4E+00 U	1.6E+00 U
Ethanol	--	--	--	--	--	--	--	1.3E+00 U	1.9E+00 U	1.3E-01 U	9.8E-02 U	5.6E-02 U	5.5E-02 U	5.4E-02 U	6.4E-02 U	1.4E-01	3.5E-01 U	1.2E-01 U	5.2E-02 U	2.7E-02 U	--	--	--	--	1.3E+00 U	4.1E-02 U	1.8E+00 U	5.4E-01 U	2.6E+00 U	2.6E+00 U	1.5E+00 U	1.7E+00 U
Ethyl acetate	--	--	--	ND	ND	ND	3.6E-01 U	2.5E+00 U	3.6E+00 U	7.6E-01 U	--	--	--	--	--	--	--	--	--		--	--	ND	ND	--	--						
Ethylbenzene	--	ND	ND	ND	ND	ND	2.1E+00 U	7.8E-01 U	1.1E+00 U	7.4E-02 U	5.6E-02 U	3.1E-02 U	4.5E-02	3.1E-02 U	3.7E-02 U	3.5E-02 U	2.0E-01 U	7.2E-02 U	3.0E-02 U	1.6E-02 U	--	ND	ND	ND	7.3E-01 U	2.4E-02 U	1.0E+00 U	3.1E-01 U	1.5E+00 U	1.5E+00 U	8.4E-01 U	9.7E-01 U
Heptane	--	ND	ND	ND	ND	ND	--	7.2E-01 U	1.0E+00 U	2.1E-01 U	5.2E-02 U	2.9E-02 U	3.0E-02 U	2.9E-02 U	3.5E-02 U	3.3E-02 U	1.9E-01 U	6.8E-02 U	2.8E-02 U	1.5E-02 U	--	ND	ND	ND	6.9E-01 U	2.2E-02 U	9.8E-01 U	3.8E-01	1.4E+00 U	1.4E+00 U	8.0E-01 U	9.2E-01 U
Hexachlorobutadiene	--	--	--	--	--	--	2.2E-02 U	7.6E+00 U	1.1E+01 U	7.5E-01 U	5.5E-01 U	3.1E-01 U	3.1E-01 U	3.0E-01 U	3.6E-01 U	3.4E-01 U	2.0E+00 U	7.1E-01 U	2.9E-01 U	1.5E-01 U	--	--	--	--	7.2E+00 U	2.3E-01 U	1.0E+01 U	3.0E+00 U	1.5E+01 U	1.5E+01 U	8.3E+00 U	9.6E+00 U
Hexane	--	ND	ND	ND	ND	ND	--	6.6E-01 U	9.2E-01 U	6.2E-02 U	4.8E-02 U	2.6E-02 U	2.6E-02 U	2.5E-02 U	3.0E-02 U	2.8E-02 U	1.6E-01 U	5.8E-02 U	2.4E-02 U	1.3E-02 U	--	ND	ND	ND	5.9E-01 U	1.9E-02 U	8.4E-01 U	1.0E+00	1.2E+00 U	1.2E+00 U	6.8E-01 U	7.9E-01 U
Isobutane	--	ND	2.6E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	--	--	--	--	--	--	--	--	--	
Isopentane (2-methylbutane)	--	2.5E-01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	3.2E-01	--	--	--	--	--	--	--	--	--	
Isopropylbenzene	--	--	--	--	--	--		9.0E-01 U	1.3E+00 U	8.5E-02 U	6.5E-02 U	3.6E-02 U	3.6E-02 U	3.5E-02 U	4.2E-02 U	4.0E-02 U	2.3E-01 U	8.2E-02 U	3.4E-02 U	1.8E-02 U	--	--	--	--	8.2E-01 U	2.7E-02 U	1.2E+00 U	3.5E-01 U	1.7E+00 U	1.7E+00 U	9.6E-01 U	1.1E+00 U
m,p-Xylene	--	--	--	--	--	--	2.1E+00 U	7.8E-01 U	1.1E+00 U	7.4E-02	5.6E-02 U	3.1E-02 U	1.9E-01	3.1E-02 U	3.7E-02 U	3.5E-02 U	2.0E-01 U	7.2E-02 U	4.4E-02	2.1E-02	--	--	--	--	7.3E-01 U	2.4E-02 U	1.0E+00 U	3.1E-01 U	1.5E+00 U	1.5E+00 U	8.4E-01 U	9.7E-01 U
Methyl tert-butyl ether	--	--	--	--	--	--	1.8E+00 U	6.6E-01 U	9.2E-01 U	1.9E-01 U	4.8E-02 U	2.6E-02 U	2.6E-02 U	2.6E-02 U	3.1E-02 U	2.9E-02 U	1.7E-01 U	6.0E-02 U	2.5E-02 U	1.3E-02 U	--	--	--	--	6.0E-01 U	2.0E-02 U	8.6E-01 U	2.6E-01 U	1.3E+00 U	1.2E+00 U	7.0E-01 U	8.1E-01 U
Methylene chloride	ND	1.7E-01	2.0E-01	ND	ND	ND	6.2E-01 U	6.2E-01 U	8.7E-01 U	5.9E-02 U	4.5E-02 U	3.3E-02	2.6E-02 U	2.9E-02	3.0E-02 U	7.1E-02	3.9E-01	2.3E-01	2.4E-01 U	1.2E-01 U	ND	2.4E-01	ND	ND	8.7E-01	4.1E-02	8.3E+00 U	1.1E+00	1.2E+01 U	1.2E+01 U	6.8E+00 U	7.8E+00 U
n-Propylbenzene	--	--	--	--	--	--	2.5E-03 U	9.0E-01 U	1.3E+00 U	2.6E-01 U	6.5E-02 U	3.6E-02 U	3.6E-02 U	3.5E-02 U	4.2E-02 U	4.0E-02 U	2.3E-01 U	8.2E-02 U	3.4E-02 U	1.8E-02 U	--	--	--	--	8.2E-01 U	2.7E-02 U	1.2E+00 U	3.5E-01 U	1.7E+00 U	1.7E+00 U	9.6E-01 U	1.1E+00 U
o-Xylene	--	--	--	--	--	--	2.1E+00 U	7.8E-01 U	1.1E+00 U	7.4E-02 U	5.6E-02 U	3.1E-02 U	4.8E-02	3.1E-02 U	3.7E-02 U	3.5E-02 U	2.0E-01 U	7.2E-02 U	3.0E-02 U	1.6E-02 U	--	--	--	--	7.3E-01 U	2.4E-02 U	1.0E+00 U	3.1E-01 U	1.5E+00 U	1.5E+00 U	8.4E-01 U	9.7E-01 U
Propene	--	ND	ND	ND	ND	ND	--	1.2E+00 U	1.7E+00 U	1.2E-01 U	--	--	--	--	--	--	--	--	--		--	ND	ND	ND	--	--	--	--	--	--	--	
Styrene	--	ND	ND	ND	ND	ND	5.2E-03 U	7.8E-01 U	1.1E+00 U	2.3E-01 U	5.6E-02 U	3.1E-02 U	3.1E-02 U	3.0E-02 U	3.6E-02 U	3.4E-02 U	2.0E-01 U	7.1E-02 U	2.9E-02 U	1.5E-02 U	--	ND	ND	ND	7.2E-01 U	2.3E-02 U	1.0E+00 U	3.0E-01 U	1.5E+00 U	1.5E+00 U	8.3E-01 U	1.1E+00
Sulfur Dioxide	--	1.1E-01	8.4E-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	1.0E-01	--	--	--	--	--	--	--	--	--	
Tetrachloroethene	3.3E+01	8.9E+01	8.9E+01	1.2E+01	1.4E+01	3.7E+00	1.8E+01	4.2E+00	8.2E+00	2.3E-01	3.4E-01	2.3E-01	3.0E-01	2.2E-01	2.3E-01	4.3E-01	4.4E-01	1.1E+00	1.4E-01	1.3E-01	3.5E+01	8.2E+01	2.9E+01	3.3E+00	2.8E+00	1.1E-01	1.6E+00 U	1.3E+00	5.3E+00	5.7E+00	1.8E+00	2.4E+00
Tetrahydrofuran	--	4.5E+00	ND	ND	ND	ND	3.9E-03 U	5.3E-01 U	7.4E-01 U	1.5E-01 U	3.9E-02 U	2.1E-02 U	2.5E-02	2.1E-02 U	2.5E-02 U	2.4E-02 U	1.4E-01 U	4.9E-02 U	2.0E-02 U	1.0E-02 U	--	ND	ND	ND	5.0E-01 U	1.6E-02 U	7.1E-01 U	2.1E-01 U	1.0E+00 U	1.0E+00 U	5.7E-01 U	6.6E-01 U
Toluene	--	ND	ND	ND	ND	ND	1.8E+00 U	6.6E-01 U	9.2E-01 U	6.2E-02 U	4.8E-02 U	2.6E-02 U	2.8E-02 U	2.7E-02 U	3.2E-02 U	3.0E-02 U	1.7E-01 U	6.2E-02 U	8.6E-02	3.9E-02	--	ND	ND	ND	6.3E-01 U	2.0E-02 U	9.0E-01 U	2.7E-01 U	1.3E+00 U	1.3E+00 U	1.0E+00	8.4E-01 U
trans-1,2-Dichloroethene	--	--	--	--	--	--	2.1E-01 U	7.2E-01 U	1.0E+00 U	2.1E-01 U	5.2E-02 U	2.9E-02 U	2.9E-02 U	2.8E-02 U	3.4E-02 U	3.2E-02 U	1.8E-01 U	6.6E-02 U	2.7E-02 U	1.4E-02 U	--	--	--	--	6.7E-01 U	2.2E-02 U	9.5E-01 U	2.8E-01 U	1.4E+00 U	1.4E+00 U	7.7E-01 U	8.9E-01 U
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	8.4E-01 U	1.2E+00 U	7.9E-02 U	6.1E-02 U	3.4E-02 U	3.3E-02 U	3.2E-02 U	3.9E-02 U	3.6E-02 U	2.1E-01 U	7.5E-02 U	3.1E-02 U	1.6E-02 U	--	--	--	--	7.6E-01 U	2.5E-02 U	1.1E+00 U	3.2E-01 U	1.6E+00 U	1.6E+00 U	8.8E-01 U	1.0E+00 U
Trichloroethene	1.5E+01	3.7E+01	3.7E+01	1.3E+01	1.7E+01	2.7E+00	1.2E+01	4.6E+00	7.7E+00	3.2E-01	4.3E-01	3.6E-01	4.5E-01	3.6E-01	3.7E-01	8.5E-01	1.0E+00	2.3E+00	2.6E-01	2.4E-01	1.7E+01	3.3E+01	2.8E+01	2.1E+00	4.9E+00	1.8E-01	4.8E+00	4.0E+00	1.0E+01	9.9E+00	5.6E+00	6.0E+00
Trichlorofluoromethane (Freon 11)	3.3E+02	8.0E+02	8.0E+02	1.4E+02	1.9E+02	1.3E+01	1.1E-02	1.5E+02	1.6E+02	3.3E+00	4.9E+00	4.7E+00	4.6E+00	1.9E+00	8.9E+00	3.3E+01	7.1E+01 J	6.2E+01	1.5E+00	1.0E+00	4.3E+02	6.9E+02	6.3E+02	3.4E+01	7.7E+01	4.7E+00	9.9E+01	1.1E+02	1.1E+02 J	1.2E+02 J	1.1E+02	1.3E+02
Vinyl acetate	--	--	--	--	--	--	2.8E-02 U	2.5E+00 U	3.5E+00 U	7.4E-01 U	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	
Vinyl bromide	--	--	--	--	--	--	--	3.1E+00 U	4.3E+00 U	3.0E-01 U	--	--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	
Vinyl chloride	--	--	--	--	--	--	1.2E+00 U	4.6E-01 U	6.4E-01 U	1.3E-01 U	3.3E-02 U	1.8E-02 U	1.9E-02 U	1.8E-02 U	2.2E-02 U	2.0E-02 U	1.2E-01 U	4.2E-02 U	1.8E-02 U	9.2E-03 U	--	--	--	--	4.3E-01 U	1.4E-02 U	6.1E-01 U	1.8E-01 U	9.0E-01 U	8.8E-01 U	5.0E-01 U	5.7E-01 U
Xylenes, total	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	ND	ND	--	--	--	--	--	--	--	

TABLE I-6

ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES AT SOIL VAPOR MONITORING WELLS[1,2]
Page-Trowbridge Ranch Landfill
Pinal County, Arizona

Concentrations shown in miligrams per cubic meter (mg/m^3)

Analyte	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-SP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP	SGD-MP
Sample Date	12/29/2003	5/12/2006	11/15/2006	4/25/2007	12/19/2007	4/9/2008	10/20/2008	4/15/2009	11/18/2009	10/13/2010	4/20/2011	10/18/2011	11/3/2011	11/22/2011	12/22/2011	1/24/2012	3/1/2012	3/12/2012	3/29/2012	12/29/2003	5/12/2006	11/15/2006	4/25/2007	12/19/2007	4/9/2008	10/20/2008	4/15/2009	11/18/2009	10/13/2010	4/20/2011	10/18/2011
1,1,1-Trichloroethane	--	ND	ND	ND	4.4E+00 U	1.7E+00 U	2.8E+00 U	8.5E-01 U	1.4E+00 U	6.9E-03 U	9.2E-01 U	8.9E-01 U	8.8E-01 U	9.2E-01 U	6.4E-01 U	1.5E+00 U	5.4E-01 U	9.5E-01 U	3.7E-01 U	--	ND	ND	ND	2.8E+00 U	2.1E+00 U	3.4E+00 U	1.4E-01 U	1.4E+00 U	4.5E-01 U	7.1E-01 U	4.5E-01 U
1,1,2,2-Tetrachloroethane	--	--	--	--	8.4E-03 U	5.6E+00 U	3.7E+00 U	1.1E+00 U	1.9E+00 U	5.9E-02 U	1.2E+00 U	1.1E+00 U	1.1E+00 U	1.2E+00 U	8.0E-01 U	1.9E+00 U	6.8E-01 U	1.2E+00 U	4.7E-01 U	--	--	--	--	8.4E-03 U	2.8E+00 U	3.9E+00 U	1.8E-01 U	1.9E+00 U	5.9E-01 U	8.9E-01 U	5.7E-01 U
1,1,2-Trichloroethane	--	--	--	--	--	1.7E+00 U	2.8E+00 U	8.5E-01 U	1.4E+00 U	6.9E-03 U	9.2E-01 U	8.9E-01 U	8.8E-01 U	9.2E-01 U	6.4E-01 U	1.5E+00 U	5.4E-01 U	9.5E-01 U	3.7E-01 U	--	--	--	--	--	2.1E+00 U	3.4E+00 U	1.4E-01 U	1.4E+00 U	4.5E-01 U	7.1E-01 U	4.5E-01 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.4E+01	1.6E+01	3.1E+01	3.1E+01	1.7E+01	3.2E+01	2.4E+01	1.9E+01	6.1E+00	2.0E-01	1.2E+01	1.2E+00 U	2.1E+00	3.1E+00	3.7E+00	6.3E+00	4.3E+00	1.3E+00 U	1.2E+00	4.4E+01	4.9E+01	4.2E+01	7.0E+01	--	3.0E+01	6.0E+01	2.5E+00	1.7E+01	1.3E+01	2.8E+00	5.0E+00
1,1-Dichloroethane	--	3.1E-01	ND	ND	3.3E+00 U	1.3E+00 U	2.1E+00 U	6.4E-01 U	1.1E+00 U	5.2E-03 U	6.8E-01 U	6.6E-01 U	6.5E-01 U	6.8E-01 U	4.7E-01 U	1.1E+00 U	4.0E-01 U	7.1E-01 U	2.8E-01 U	--	1.7E-01	ND	ND	2.1E+00 U	1.6E+00 U	2.6E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.2E-01 U	3.4E-01 U
1,1-Dichloroethene	ND	1.9E+00	ND	ND	3.2E+00 U	3.7E+00	2.1E+00	1.4E+00	1.1E+00 U	3.3E-02 U	9.6E-01	6.5E-01 U	6.4E-01 U	6.7E-01 U	4.6E-01 U	1.1E+00 U	3.9E-01 U	6.9E-01 U	2.7E-01 U	3.9E+00	4.8E+00	ND	ND	6.3E+00	2.4E+00	4.4E+00	3.4E-01	1.5E+00	9.1E-01	5.1E-01 U	4.3E-01
1,1-Difluoroethane	--	--	--	--	9.6E+00 U	3.8E+00 U	6.1E+00 U	1.8E+00 U	--	--	--	--	--	1.8E+00 U	1.3E+00 U	3.0E+00 U	1.1E+00 U	1.9E+00 U	7.4E-01 U	--	--	--	--	6.1E+00 U	4.7E+00 U	7.6E+00 U	2.9E-01 U	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	--	4.7E+00 U	2.4E+01 U	1.6E+01 U	4.7E+00 U	8.3E+00 U	3.8E-02 U	5.0E+00 U	4.8E+00 U	4.8E+00 U	5.0E+00 U	3.5E+00 U	8.4E+00 U	2.9E+00 U	5.2E+00 U	2.0E+00 U	--	--	--	--	7.5E-01 U	1.2E+01 U	1.7E+01 U	7.5E-01 U	8.3E+00 U	2.6E+00 UJ	3.8E+00 U	2.5E+00 U
1,2,4-Trimethylbenzene	--	--	--	--	--	1.6E+00 U	2.7E+00 U	8.0E-01 U	1.4E+00 U	4.2E-02 U	8.2E-01 U	8.0E-01 U	7.9E-01 U	8.2E-01 U	5.8E-01 U	1.4E+00 U	1.9E+00 U	8.6E-01 U	3.4E-01 U	--	--	--	--	--	2.0E+00 U	3.2E+00 U	1.3E-01 U	1.4E+00 U	4.2E-01 U	6.4E-01 U	4.1E-01 U
1,2-Dibromoethane (EDB)	--	--	--	--	1.1E-02 U	6.1E+00 U	4.1E+00 U	1.2E+00 U	2.1E+00 U	1.0E-02 U	1.3E+00 U	1.2E+00 U	1.2E+00 U	1.3E+00 U	9.0E-01 U	2.2E+00 U	7.6E-01 U	1.3E+00 U	5.3E-01 U	--	--	--	--	3.8E-03 U	3.1E+00 U	4.3E+00 U	2.0E-01 U	2.1E+00 U	6.4E-01 U	1.0E+00 U	6.4E-01 U
1,2-Dichlorobenzene	--	--	--	--	--	4.8E+00 U	3.2E+00 U	9.6E-01 U	1.6E+00 U	5.0E-02 U	1.0E+00 U	9.8E-01 U	9.7E-01 U	1.0E+00 U	7.0E-01 U	1.7E+00 U	6.0E-01 U	1.0E+00 U	4.1E-01 U	--	--	--	--	--	2.4E+00 U	3.8E+00 U	1.6E-01 U	1.6E+00 U	5.0E-01 U	7.8E-01 U	5.0E-01 U
1,2-Dichloroethane	--	7.4E-01	ND	ND	3.3E+00 U	1.8E+00	2.2E+00 U	1.0E+00	1.1E+00 U	5.3E-03 U	6.8E-01 U	6.6E-01 U	6.5E-01 U	6.8E-01 U	4.7E-01 U	1.1E+00 U	4.0E-01 U	7.1E-01 U	2.8E-01 U	--	ND	ND	ND	2.1E+00 U	1.6E+00 U	2.3E+00 U	1.1E-01 U	1.1E+00 U	3.4E-01 U	5.2E-01 U	3.4E-01 U
1,2-Dichloropropane	--	ND	ND	ND	3.8E+00 U	3.7E+00 U	2.5E+00 U	7.5E-01 U	1.3E+00 U	3.9E-02 U	7.8E-01 U	7.5E-01 U	7.4E-01 U	7.8E-01 U	5.4E-01 U	1.3E+00 U	4.6E-01 U	8.1E-01 U	3.2E-01 U	--	ND	ND	ND	2.4E+00 U	1.9E+00 U	3.0E+00 U	1.2E-01 U	1.3E+00 U	3.9E-01 U	6.0E-01 U	3.8E-01 U
1,3,5-Trimethylbenzene	--	--	--	--	3.8E-03 U	1.6E+00 U	2.7E+00 U	8.0E-01 U	1.4E+00 U	6.5E-03 U	8.2E-01 U	8.0E-01 U	7.9E-01 U	8.2E-01 U	5.8E-01 U	1.4E+00 U	4.9E-01 U	8.6E-01 U	3.4E-01 U	--	--	--	--	--	2.0E+00 U	2.8E+00 U	1.3E-01 U	1.4E+00 U	4.2E-01 U	6.4E-01 U	4.1E-01 U
1,3-Butadiene	--	--	--	--	1.7E-03 U	1.8E+00 U	1.2E+00 U	3.4E-01 U	6.0E-01 U	1.9E-02 U	3.7E-01 U	3.6E-01 U	3.6E-01 U	3.7E-01 U	2.6E-01 U	6.2E-01 U	2.2E-01 U	3.9E-01 U	1.5E-01 U	--	--	--	--	--	8.9E-01 U	1.4E+00 U	5.8E-02 U	6.0E-01 U	1.9E-01 U	2.9E-01 U	1.8E-01 U
1,3-Dichlorobenzene	--	--	--	--	--	4.8E+00 U	3.2E+00 U	9.6E-01 U	1.6E+00 U	7.8E-03 U	1.0E+00 U	9.8E-01 U	9.7E-01 U	1.0E+00 U	7.0E-01 U	1.7E+00 U	6.0E-01 U	1.0E+00 U	4.1E-01 U	--	--	--	--	4.5E-03 U	2.4E+00 U	3.4E+00 U	1.6E-01 U	1.6E+00 U	5.0E-01 U	7.8E-01 U	5.0E-01 U
1,3-Dichloropropane	--	--	--	--	1.5E+01 U	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--	9.5E+00 U	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	4.8E+00 U	3.2E+00 U	9.6E-01 U	1.6E+00 U	5.0E-02 U	1.0E+00 U	9.8E-01 U	9.7E-01 U	1.0E+00 U	7.0E-01 U	1.7E+00 U	6.0E-01 U	1.0E+00 U	4.1E-01 U	--	--	--	--	--	2.4E+00 U	3.8E+00 U	1.6E-01 U	1.6E+00 U	5.0E-01 U	7.8E-01 U	5.0E-01 U
1,4-Dioxane	--	--	--	--	2.9E-02 U	1.2E+01 U	7.7E+00 U	2.3E+00 U	4.0E+00 U	1.8E-02 U	2.4E+00 U	2.3E+00 U	2.3E+00 U	2.4E+00 U	1.7E+00 U	4.0E+00 U	1.4E+00 U	2.5E+00 U	9.9E-01 U	--	--	--	--	2.7E-02 U	5.9E+00 U	8.1E+00 U	3.7E-01 U	4.0E+00 U	1.2E+00 U	1.9E+00 U	1.2E+00 U
2,2,4-Trimethylpentane	--	--	--	--	--	1.5E+00 U	2.5E+00 U	7.0E-01 U	1.3E+00 U	3.9E-02 U	7.8E-01 U	7.6E-01 U	7.5E-01 U	7.8E-01 U	5.5E-01 U	1.3E+00 U	4.6E-01 U	8.2E-01 U	3.2E-01 U	--	--	--	--	--	1.9E+00 U	3.0E+00 U	1.2E-01 U	1.3E+00 U	3.9E-01 U	6.0E-01 U	3.9E-01 U
2,3-Dimethylbutane	--	2.0E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	6.7E-01	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	--	ND	ND	ND	1.2E+00 U	2.4E+00 U	1.7E+00	4.7E-01 U	8.0E-01 U	3.9E-03 U	2.0E+00 U	1.9E+00 U	1.9E+00 U	2.0E+00 U	1.4E+00 U	3.3E+00 U	1.2E+00 U	2.1E+00 U	8.1E-01 U	--	ND	ND	ND	1.5E+00 U	1.2E+00 U	1.7E+00 U	7.7E-02 U	8.0E-01 U	2.5E-01 U	1.5E+00 U	9.8E-01 U
2-Hexanone	--	--	--	--	8.3E-03 U	5.4E+00 U	8.8E+00 U	2.6E+00 U	4.6E+00 U	1.4E-01 U	2.8E+00 U	2.7E+00 U	2.6E+00 U	2.8E+00 U	1.9E+00 U	4.6E+00 U	1.6E+00 U	2.9E+00 U	1.1E+00 U	--	--	--	--	8.8E-01 U	6.7E+00 U	1.1E+01 U	4.2E-01 U	4.6E+00 U	1.4E+00 U	2.1E+00 U	1.4E+00 U
2-Methylpentane	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	2.3E-01	--	--	--	--	--	--	--	--	--	--
2-Propanol	--	--	--	--	--	8.0E+00 U	5.3E+00 U	1.6E+00 U	2.8E+00 U	1.3E-02 U	1.6E+00 U	1.6E+00 U	1.6E+00 U	1.6E+00 U	1.2E+00 U	2.8E+00 U	9.7E-01 U	1.9E+00	6.7E-01 U	--	--	--	--	--	4.0E+00 U	7.3E+00	2.5E-01 U	2.8E+00 U	8.5E-01 U	1.3E+00 U	8.2E-01 U
3-Chloropropene	--	--	--	--	--	1.0E+01 U	6.7E+00 U	2.0E+00 U	3.5E+00 U	1.1E-01 U	2.1E+00 U	2.0E+00 U	2.0E+00 U	2.1E+00 U	1.5E+00 U	3.5E+00 U	1.2E+00 U	2.2E+00 U	8.6E-01 U	--	--	--	--	--	5.1E+00 U	8.2E+00 U	3.2E-01 U	3.5E+00 U	1.1E+00 U	1.6E+00 U	1.0E+00 U
3-Methylpentane	--	1.2E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	4.6E-01	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	--	--	--	--	--	4.0E+00 U	2.7E+00 U	8.0E-01 U	1.4E+00 U	6.5E-03 U	8.2E-01 U	8.0E-01 U	7.9E-01 U	8.2E-01 U	5.8E-01 U	1.4E+00 U	4.9E-01 U	8.6E-01 U	3.4E-01 U	--	--	--	--	--	2.0E+00 U	2.8E+00 U	1.3E-01 U	1.4E+00 U	4.2E-01 U	6.4E-01 U	4.1E-01 U
4-Methyl-2-pentanone (MIBK)	--	--	--	--	3.3E+00 U	1.3E+00 UJ	2.1E+00 U	6.4E-01 U	1.1E+00 U	3.4E-02 U	6.9E-01 U	6.7E-01 U	6.6E-01 U	6.9E-01 U	4.8E-01 U	1.2E+00 U	4.0E-01 U	7.2E-01 U	2.8E-01 U	--	--	--	--	2.1E+00 U	1.6E+00 UJ	2.6E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.3E-01 U	3.4E-01 U
Acetone	--	ND	ND	ND	8.0E+00 U	7.7E+00 U	5.1E+00 U	1.5E+00 U	2.7E+00 U	1.8E-02	1.6E+00 U	1.5E+00 U	1.5E+00 U	1.6E+00 U	2.0E+00	2.7E+00 U	9.4E-01 U	4.2E+00 U	1.6E+00 U	--	ND	ND	ND	5.1E+00 U	3.9E+00 U	5.3E+00 U	2.4E-01 U	2.7E+00 U	8.2E-01 U	1.2E+00 U	7.9E-01 U
alpha-Chlorotoluene	--	--	--	--	--	4.3E+00 U	2.8E+00 U	8.5E-01 U	1.4E+00 U	4.5E-02 U	8.7E-01 U	8.4E-01 U	8.3E-01 U	8.7E-01 U	6.0E-01 U	1.4E+00 U	2.0E+00 U	9.0E-01 U	3.5E-01 U	--	--	--	--	--	2.1E+00 U	3.4E+00 U	1.4E-01 U	1.4E+00 U	4.5E-01 U	6.7E-01 U	4.3E-01 U
Benzene	--	9.7E-02	ND	ND	1.0E+00 U	2.6E+00 U	1.7E+00 U	5.2E-01 U	8.7E-01 U	4.2E-03 U	5.4E-01 U	5.2E-01 U	5.1E-01 U	5.4E-01 U	3.7E-01 U	9.0E-01 U	3.2E-01 U	5.6E-01 U	2.2E-01 U	--	1.8E-01	ND	ND	1.7E+00 U	1.3E+00 U	1.8E+00 U	8.4E-02 U	8.7E-01 U	2.7E-01 U	4.1E-01 U	2.6E-01 U
Bromodichloromethane	--	--	--	--	5.5E+00 U	2.1E+00 U	3.5E+00 U	1.0E+00 U	1.8E+00 U	5.6E-02 U	1.1E+00 U	1.1E+00 U	1.1E+00 U	1.1E+00 U	7.8E-01 U	1.9E+00 U	6.6E-01 U	1.2E+00 U	4.6E-01 U	--	--	--	--	3.5E+00 U	2.7E+00 U	4.3E+00 U	1.7E-01 U	1.8E+00 U	5.6E-01 U	8.7E-01 U	5.6E-01 U
Bromoform	--	--	--	--	8.5E+00 U	8.3E+00 U	5.5E+00 U	1.7E+00 U	2.8E+00 U	1.3E-02 U	1.7E+00 U	1.7E+00 U	1.7E+00 U	1.7E+00 U	1.2E+00 U	2.9E+00 U	4.1E+00 U	1.8E+00 U	7.1E-01 U	--	--	--	--	5.3E+00 U	4.1E+00 U	5.8E+00 U	2.7E-01 U	2.8E+00 U	8.7E-01 U	1.3E+00 U	8.6E-01 U
Bromomethane	--	--	--	--	3.3E+00 U	1.3E+00 U	2.1E+00 U	6.0E-01 U	1.1E+00 U	3.4E-02 U	6.5E-01 U	6.3E-01 U	6.2E-01 U	6.5E-01 U	4.5E-01 U	1.1E+00 U	3.8E-01 U	6.8E+00 U	2.7E+00 U	--	--	--	--	2.1E+00 U	1.6E+00 U	2.6E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.0E-01 U	3.2E-01 U
Carbon disulfide	ND	--	ND	ND	2.5E+00 U	2.5E+00 U	1.7E+00 U	5.0E-01 U	8.5E-01 U	4.1E-03 U	2.1E+00 U	2.0E+00 U	2.0E+00 U	2.1E+00 U	3.6E-01 U	3.5E+00 U	3.1E-01 U	2.2E+00 U	8.4E-01 J	ND	--	ND	ND	1.6E+00 U	1.3E+00 U	2.0E+00	3.8E-01	8.5E-01 U	2.6E-01 U	1.6E+00 U	1.2E+00
Carbon tetrachloride	8.0E+00	9.9E+00	2.4E+01	3.0E+01	2.4E+01	1.9E+01	1.6E+01	1.7E+01	7.4E+00	2.7E-01	1.1E+01	2.2E+00	4.2E+00	5.2E+00	6.7E+00	1.1E+01	8.1E+00	2.3E+00	2.5E+00	3.3E+01	3.4E+01	2.5E+01	5.2E+01	6.2E+01	1.6E+01	3.2E+01	6.8E-01	1.2E+01	9.9E+00	5.0E+00	1.2E+00
Chlorobenzene	--	--	--	--	8.4E-03 U	3.7E+00 U	2.5E+00 U	7.5E-01 U	1.3E+00 U	6.1E-03 U	7.7E-01 U	7.5E-01 U	7.4E-01 U	7.7E-01 U	5.4E-01 U	1.3E+00 U	4.6E-01 U	8.0E-01 U	3.2E-01 U	--	--	--	--	2.3E-03 U	1.9E+00 U	2.6E+00 U	1.2E-01 U	1.3E+00 U	3.9E-01 U	6.0E-01 U	3.8E-01 U
Chloroethane	--	--	--	--	2.2E+00 U	8.5E-01 U	1.4E+00 U	4.0E-01 U	7.2E-01 U	2.2E-02 U	1.8E+00 U	1.7E+00 U	1.7E+00 U	1.8E+00 U	1.2E+00 U	3.0E+00 U	1.0E+00 U	1.8E+00 U	7.2E-01 U	--	--	--	--	1.4E+00 U	1.1E+00 U	1.7E+00 U	6.9E-02 U	7.2E-01 U	2.2E-01 U	1.4E+00 U	8.8E-01 U
Chloroform	3.1E+02	4.0E+02	9.5E+02	7.6E+02	8.0E+02	8.5E+02	7.1E+02	4.7E+02	2.8E+02	7.6E-01	1.8E+02	1.4E+02	2.0E+02	2.1E+02	2.6E+02	3.6E+02	3.0E+02	1.8E+02	1.1E+02	2.1E+02	3.8E+02	3.1E+02	6.1E+02	8.0E+02	2.0E+02	4.7E+02	2.4E+01	1.9E+02	1.5E+02	1.8E+02	5.3E+01
Chloromethane	--	--	--	--	--	2.7E+00 U	4.4E+00 U	1.3E+00 U	2.3E+00 U	7.1E-02 U	1.4E+00 U	1.3E+00 U	1.3E+00 U	1.4E+00 U	9.7E-01 U	2.3E+00 U	8.2E-01 U	3.6E+00 U	1.4E+00 U	--	--	--	--	--	3.3E+00 U	5.4E+00 U	3.3E+00	2.3E+00 U	7.1E-01 U	1.1E+00 U	5.6E+00
cis-1,2-Dichloroethene	--	--	--	--	3.3E+00 U	3.2E+00 U	2.1E+00 U	6.4E-01 U	1.1E+00 U	5.2E-03 U	6.7E-01 U	6.5E-01 U	6.4E-01 U	6.7E-01 U	4.6E-01 U	1.1E+00 U	3.9E-01 U	6.9E-01 U	2.7E-01 U	--	--	--	--	8.0E-03	1.6E+00 U	2.2E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.1E-01 U	3.3E-01 U
cis-1,3-Dichloropropene	--	--	--	--	6.5E-03 U	3.7E+00 U	2.5E+00 U	7.5E-01 U	1.3E+00 U	3.9E-02 U	7.6E-01 U	7.4E-01 U	7.3E-01 U	7.6E-01 U	5.3E-01 U	1.3E+00 U	4.5E-01 U	7.9E-01 U	3.1E-01 U	--	--	--	--	8.4E-03 U	1.9E+00 U	3.0E+00 U	1.2E-01 U	1.3E+00 U	3.9E-01 U	5.9E-01 U	3.8E-01 U
Cyclohexane	--	--	ND	ND	--	2.7E+00 U	1.8E+00 U	5.3E-01 U	9.0E-01 U	4.3E-03 U	5.8E-01 U	5.6E-01 U	5.5E-01 U	5.8E-01 U	4.0E-01 U	9.7E-01 U	8.2E-01	6.0E-01 U	2.4E-01 U	--	9.0E-01	ND	ND	--	1.3E+00 U	1.9E+00 U	8.7E-02 U	9.0E-01 U	2.8E-01 U	4.4E-01 U	2.8E-01 U
Cyclohexanone	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	--	--	--	--	--	--	--	--	--	--
Cyclopentane	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	1.4E-01	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	--	1.1E-02 U	2.8E+00 U	4.6E+00 U	1.3E+00 U	2.3E+00 U	7.3E-02 U	1.4E+00 U	1.4E+00 U	1.4E+00 U	1.4E+00 U	1.0E+00 U	2.4E+00 U	8.4E-01 U	1.5E+00 U	5.8E-01 U	--	--	--	--	1.3E+00 U	3.5E+00 U	5.5E+00 U	2.3E-01 U	2.3E+00 U	7.3E-01 U	1.1E+00 U	7.1E-01 U
Dichlorodifluoromethane (Freon 12)	--	5.9E+00	1.5E+01	1.9E+01	3.2E+00	2.2E+01	1.2E+01	1.6E+01	5.9E+00	2.2E-02	1.1E+01	2.2E+00	3.4E+00	4.4E+00	6.1E+00	1.1E+01 J	6.4E+00	2.2E+00	1.7E+00	--	1.9E+01	1.7E+01	3.4E+01	1.2E+00 U	1.6E+01	2.7E+01	4.9E+00	1.2E+01	1.2E+01	4.1E+00	1.2E+01
Dichlorotetrafluoroethane (Freon 114)	--	--	--	--	--	2.2E+00 U	3.7E+00 U	1.1E+00 U	1.9E+00 U	5.9E-02 U	1.2E+00 U	1.1E+00 U	1.1E+00 U	1.2E+00 U	8.2E-01 U	2.0E+00 U	6.9E-01 U	1.2E+00 U	4.8E-01 U	--	--	--	--	--	2.8E+00 U	4.5E+00 U	1.8E-01 U	1.9E+00 U	5.9E-01 U	9.0E-01 U	5.8E-01 U
Ethanol	--	--	--	--	--	6.1E+00 U	5.6E+00	1.9E+00	2.1E+00 U	9.6E-03 U	1.3E+00 U	1.2E+00 U	1.2E+00 U	1.3E+00 U	8.8E-01 U	2.1E+00 U	7.5E-01 U	1.3E+00 U	5.2E-01 U	--	--	--	--	--	3.1E+00 U	4.2E+00 U	1.9E-01 U	2.1E+00 U	6.5E-01 U	9.8E-01 U	6.2E-01 U
Ethyl acetate	--		ND	ND	2.5E+00 U	4.7E+00 U	7.6E+00 U	2.2E+00 U	--	--	--	--	--	--	--	--	--	--		--	--	ND	ND	2.0E-02 U	5.8E+00 U	9.4E+00 U	3.6E-01 U	--	--	--	--
Ethylbenzene	--	ND	ND	ND	3.6E+00 U	3.5E+00 U	2.3E+00 U	6.9E-01 U	1.2E+00 U	3.6E-02 U	7.3E-01 U	7.1E-01 U	7.0E-01 U	7.3E-01 U	5.1E-01 U	1.2E+00 U	4.3E-01 U	7.6E-01 U	3.0E-01 U	--	ND	ND	ND	2.3E+00 U	1.7E+00 U	2.4E+00 U	1.1E-01 U	1.2E+00 U	3.6E-01 U	5.6E-01 U	3.6E-01 U
Heptane	--	ND	ND	ND		3.2E+00 U	2.1E+00 U	6.4E-01 U	1.1E+00 U	5.2E-03 U	6.9E-01 U	6.7E-01 U	6.6E-01 U	6.9E-01 U	4.8E-01 U	1.2E+00 U	7.0E-01	7.2E-01 U	2.8E-01 U	--	ND	ND	ND	--	1.6E+00 U	2.6E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.3E-01 U	3.4E-01 U
Hexachlorobutadiene	--	--	--	--	2.2E-01 U	1.4E+01 U	2.3E+01 U	6.7E+00 U	1.2E+01 U	3.7E-01 U	7.2E+00 U	7.0E+00 U	6.9E+00 U	7.2E+00 U	5.0E+00 U	1.2E+01 U	4.2E+00 U	7.5E+00 U	2.9E+00 U	--	--	--	--	--	1.7E+01 U	2.4E+01 U	1.1E+00 U	1.2E+01 U	3.7E+00 UJ	5.5E+00 U	3.5E+00 U
Hexane	--	ND	ND	ND	1.5E+00 U	2.9E+00 U	1.9E+00 U	5.9E-01 U	9.9E-01 U	4.8E-03 U	5.9E-01 U	5.7E-01 U	5.7E-01 U	5.9E-01 U	4.1E-01 U	9.9E-01 U	1.2E+00	6.2E-01 U	2.4E-01 U	--	ND	ND	ND	2.9E+00 U	1.5E+00 U	2.3E+00 U	9.5E-02 U	9.9E-01 U	3.1E-01 U	4.6E-01 U	2.9E-01 U
Isobutane	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	--	--	--	--	--	--	--	--	--	--
Isopentane (2-methylbutane)	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	1.9E-01	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	--	--	--	--	--	1.6E+00 U	2.7E+00 U	7.5E-01 U	1.4E+00 U	4.2E-02 U	8.2E-01 U	8.0E-01 U	7.9E-01 U	8.2E-01 U	5.8E-01 U	1.4E+00 U	4.9E-01 U	8.6E-01 U	3.4E-01 U	--	--	--	--	--	2.0E+00 U	2.8E+00 U	1.3E-01 U	1.4E+00 U	4.2E-01 U	6.4E-01 U	4.1E-01 U
m,p-Xylene	--	--	--	--	3.6E+00 U	3.5E+00 U	2.3E+00 U	6.9E-01 U	1.2E+00 U	5.6E-03 U	7.3E-01 U	7.1E-01 U	7.0E-01 U	7.3E-01 U	5.1E-01 U	1.2E+00 U	4.3E-01 U	7.6E-01 U	3.0E-01 U	--	--	--	--	2.3E+00 U	1.7E+00 U	2.8E+00 U	1.1E-01 U	1.2E+00 U	3.6E-01 U	5.6E-01 U	3.6E-01 U
Methyl tert-butyl ether	--	--	--	--	1.9E+00 U	1.2E+00 U	1.9E+00 U	5.5E-01 U	9.9E-01 U	3.1E-02 U	6.0E-01 U	5.9E-01 U	5.8E-01 U	6.0E-01 U	4.2E-01 U	1.0E+00 U	3.6E-01 U	6.3E-01 U	2.5E-01 U	--	--	--	--	2.9E-02 U	1.5E+00 U	2.1E+00 U	9.5E-02 U	9.9E-01 U	3.1E-01 U	4.7E-01 U	3.0E-01 U
Methylene chloride	2.8E+00	1.3E+00	ND	ND	4.9E-03 U	2.8E+00 U	2.5E+00	9.7E-01	9.4E-01 U	4.5E-03 U	1.5E+00	5.7E-01 U	5.6E-01 U	5.8E-01 U	4.1E-01 U	1.2E+00	6.5E-01	6.1E+00 U	2.4E+00 U	5.8E+00	4.2E+00	ND	ND	5.6E+00	2.0E+00	4.9E+00	4.2E-01	1.5E+00	9.7E-01	4.5E-01 U	5.6E-01
n-Propylbenzene	--	--	--	--	8.5E-02 U	4.0E+00 U	2.7E+00 U	8.0E-01 U	1.4E+00 U	4.2E-02 U	8.2E-01 U	8.0E-01 U	7.9E-01 U	8.2E-01 U	5.8E-01 U	1.4E+00 U	4.9E-01 U	8.6E-01 U	3.4E-01 U	--	--	--	--	6.5E-03 U	2.0E+00 U	2.8E+00 U	1.3E-01 U	1.4E+00 U	4.2E-01 U	6.4E-01 U	4.1E-01 U
o-Xylene	--	--	--	--	3.6E+00 U	3.5E+00 U	2.3E+00 U	6.9E-01 U	1.2E+00 U	5.6E-03 U	7.3E-01 U	7.1E-01 U	7.0E-01 U	7.3E-01 U	5.1E-01 U	1.2E+00 U	4.3E-01 U	7.6E-01 U	3.0E-01 U	--	--	--	--	2.3E+00 U	1.7E+00 U	2.8E+00 U	1.1E-01 U	1.2E+00 U	3.6E-01 U	5.6E-01 U	3.6E-01 U
Propene	--	ND	ND	ND	--	2.2E+00 U	3.6E+00 U	1.1E+00 U	--	--	--	--	--	--	--	--	--	--		--	ND	ND	ND	--	2.8E+00 U	3.8E+00 U	1.7E-01 U	--	--	--	--
Styrene	--	2.4E-01	ND	ND	5.2E-03 U	3.5E+00 U	2.3E+00 U	6.9E-01 U	1.2E+00 U	3.6E-02 U	7.2E-01 U	6.9E-01 U	6.8E-01 U	7.2E-01 U	5.0E-01 U	1.2E+00 U	4.2E-01 U	7.4E-01 U	3.8E-01	--	ND	ND	ND	5.2E-03 U	1.7E+00 U	2.8E+00 U	1.1E-01 U	1.2E+00 U	3.6E-01 U	5.5E-01 U	3.5E-01 U
Sulfur Dioxide	--	9.2E-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	1.1E-01	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	1.1E+01	1.5E+01	9.5E+00	2.3E+01	1.9E+01	1.8E+01	1.0E+01	6.5E+00	3.1E+00	8.9E-03 U	1.3E+00	1.1E+00 U	1.2E+00	1.1E+00 U	1.2E+00	4.5E+00	1.5E+00	1.2E+00 U	6.8E-01	1.4E+01	1.9E+01	1.2E+01	2.2E+01	2.2E+01	3.2E+00	8.2E+00	1.8E-01 U	1.8E+00 U	1.4E+00	1.2E+00	5.6E-01 U
Tetrahydrofuran	--	3.9E-01	ND	ND	4.2E-03 U	9.5E-01 U	1.6E+00 U	4.5E-01 U	8.0E-01 U	2.5E-02 U	5.0E-01 U	4.8E-01 U	4.7E-01 U	5.0E-01 U	3.4E-01 U	8.3E-01 U	2.9E-01 U	5.2E-01 U	2.0E-01 U	--	ND	ND	ND	1.5E-02 U	1.2E+00 U	1.9E+00 U	5.9E-01	8.0E-01 U	2.5E-01 U	3.8E-01 U	3.6E-01
Toluene	--	ND	ND	ND	3.0E+00 U	2.9E+00 U	2.4E+00	5.9E-01 U	9.9E-01 U	4.8E-03 U	6.3E-01 U	6.1E-01 U	6.1E-01 U	1.1E+00	4.4E-01 U	1.1E+00 U	3.7E-01 U	6.6E-01 U	2.9E-01	--	ND	ND	ND	2.4E+00	1.5E+00 U	5.1E+00	9.5E-02 U	9.9E-01 U	3.1E-01 U	4.9E-01 U	3.1E-01 U
trans-1,2-Dichloroethene	--	--	--	--	5.2E-03 U	1.3E+00 U	2.1E+00 U	6.4E-01 U	1.1E+00 U	3.4E-02 U	6.7E-01 U	6.5E-01 U	6.4E-01 U	6.7E-01 U	4.6E-01 U	1.1E+00 U	3.9E-01 U	6.9E-01 U	2.7E-01 U	--	--	--	--	6.0E-01 U	1.6E+00 U	2.6E+00 U	1.0E-01 U	1.1E+00 U	3.4E-01 U	5.1E-01 U	3.3E-01 U
trans-1,3-Dichloropropene	--	--	--	--	--	3.7E+00 U	2.5E+00 U	7.5E-01 U	1.3E+00 U	6.1E-03 U	7.6E-01 U	7.4E-01 U	7.3E-01 U	7.6E-01 U	5.3E-01 U	1.3E+00 U	4.5E-01 U	7.9E-01 U	3.1E-01 U	--	--	--	--	--	1.9E+00 U	2.6E+00 U	1.2E-01 U	1.3E+00 U	3.9E-01 U	5.9E-01 U	3.8E-01 U
Trichloroethene	1.6E+01	1.5E+01	3.9E+01	4.6E+01	3.2E+01	3.7E+01	2.7E+01	1.9E+01	9.3E+00	4.0E-01	8.5E+00	2.8E+00	5.6E+00	5.9E+00	7.9E+00	1.1E+01	8.8E+00	4.5E+00	3.0E+00	2.8E+01	ND	1.9E+01	4.5E+01	4.4E+01	1.1E+01	2.5E+01	8.8E-01	7.2E+00	7.2E+00	5.8E+00	1.4E+00
Trichlorofluoromethane (Freon 11)	2.3E+02	2.4E+02	4.7E+02	5.4E+02	9.1E+02	4.1E+02	3.4E+02	2.9E+02	1.4E+02	4.7E-01	3.4E+02	3.8E+01	6.2E+01	8.1E+01	9.9E+01	2.3E+02 J	1.2E+02	4.7E+01	3.6E+01	7.5E+02	9.1E+02	7.4E+02	8.6E+02	--	5.7E+02	9.7E+02	5.6E+01	4.2E+02	3.1E+02	7.8E+01	1.5E+02
Vinyl acetate	--	--	--	--	1.9E-02 U	1.1E+01 U	7.4E+00 U	2.2E+00 U	--	--	--	--	--	--	--	--	--	--		--	--	--	--	7.0E-03 U	5.6E+00 U	9.2E+00 U	3.5E-01 U	--	--	--	--
Vinyl bromide	--	--	--	--	2.2E+00 U	5.7E+00 U	9.2E+00 U	2.8E+00 U	--	--	--	--	--	--	--	--	--	--		--	--	--	--	4.4E-01 U	7.0E+00 U	9.6E+00 U	4.4E-01 U	--	--	--	--
Vinyl chloride	--	--	--	--	2.1E+00 U	2.0E+00 U	1.4E+00 U	3.8E-01 U	6.9E-01 U	2.2E-02 U	4.3E-01 U	4.2E-01 U	4.1E-01 U	4.3E-01 U	3.0E-01 U	7.2E-01 U	2.5E-01 U	4.5E-01 U	1.8E-01 U	--	--	--	--	1.3E+00 U	1.0E+00 U	1.6E+00 U	6.7E-02 U	6.9E-01 U	2.2E-01 U	3.3E-01 U	2.1E-01 U
Xylenes, total	--	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	ND	ND	ND	--	--	--	--	--	--	--	--

TABLE I-6

ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES AT SOIL VAPOR MONITORING WELLS[1,2]
Page-Trowbridge Ranch Landfill
Pinal County, Arizona

Concentrations shown in miligrams per cubic meter (mg/m^3)

Analyte / Sample Date	SGD-MP	SGD-MP-Dup	SGD-MP	SGD-MP-DUP	SGD-MP	SGD-MP-DUP	SGD-MP	SGD-MP-DUP	SGD-MP	SGD-MP-DUP	SGD-MP	SGD-MP-DUP	SGD-MP	SGD-MP-DUP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP-Dup	SGD-DP	SGD-DP	SGD-DP	SGD-DP	SGD-DP
	11/3/2011	11/3/2011	11/22/2011	11/22/2011	12/22/2011	12/22/2011	1/24/2012	1/24/2012	3/1/2012	3/1/2012	3/12/2012	3/12/2012	3/29/2012	3/29/2012	12/29/2003	5/12/2006	11/15/2006	4/25/2007	12/19/2007	4/9/2008	10/20/2008	4/15/2009	11/18/2009	10/13/2010	4/20/2011	4/20/2011	10/18/2011	11/3/2011	11/22/2011	12/22/2011	1/24/2012
1,1,1-Trichloroethane	8.9E-01 U	8.8E-01 U	1.2E+00 U	1.1E+00 U	4.5E-01 U	4.6E-01 U	1.6E+00 U	1.6E+00 U	4.4E-01 U	4.4E-01 U	1.5E+00 U	1.5E+00 U	8.3E-01 U	8.8E-01 U	--	ND	ND	ND	4.2E-02 U	2.8E+00 U	2.6E+00 U	9.6E-01 U	5.3E-01 U	2.6E-01 U	2.6E-01 U	1.9E-01 U	4.6E-01 U	9.2E-01 U	9.8E-01 U	1.4E-01 U	4.6E-01 U
1,1,2,2-Tetrachloroethane	1.1E+00 U	1.1E+00 U	1.5E+00 U	1.4E+00 U	5.6E-01 U	5.8E-01 U	2.0E+00 U	2.0E+00 U	5.6E-01 U	5.5E-01 U	1.8E+00 U	1.9E+00 U	1.0E+00 U	1.1E+00 U	--	--	--	--	3.5E-03 U	3.7E+00 U	3.4E+00 U	1.3E+00 U	7.0E-01 U	3.4E-01 U	3.2E-01 U	2.4E-01 U	5.8E-01 U	1.2E+00 U	1.2E+00 U	1.8E-01 U	5.8E-01 U
1,1,2-Trichloroethane	8.9E-01 U	8.8E-01 U	1.2E+00 U	1.1E+00 U	4.5E-01 U	4.6E-01 U	1.6E+00 U	1.6E+00 U	4.4E-01 U	4.4E-01 U	1.5E+00 U	1.5E+00 U	8.3E-01 U	8.8E-01 U	--	--	--	--	--	2.8E+00 U	2.6E+00 U	9.6E-01 U	5.3E-01 U	2.6E-01 U	2.6E-01 U	1.9E-01 U	4.6E-01 U	9.2E-01 U	9.8E-01 U	1.4E-01 U	4.6E-01 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.2E+01	1.3E+01	1.4E+01	1.5E+01	1.4E+01	1.4E+01	1.4E+01	1.5E+01	1.5E+01	1.0E+01	1.6E+01	1.5E+01	1.0E+01	1.1E+01	1.3E+01	4.0E+01	4.2E+01	5.1E+00	1.9E+01	2.0E+01	5.0E+01	1.3E+01	5.2E+00	6.9E+00	1.9E+00	1.8E+00	2.4E+00	4.8E+00	3.4E+00	3.6E+00	3.2E+00
1,1-Dichloroethane	6.6E-01 U	6.5E-01 U	8.8E-01 U	8.3E-01 U	3.3E-01 U	3.4E-01 U	1.2E+00 U	1.2E+00 U	3.3E-01 U	3.2E-01 U	1.1E+00 U	1.1E+00 U	6.2E-01 U	6.5E-01 U	--	ND	ND	ND	3.1E-02 U	2.1E+00 U	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.9E-01 U	1.4E-01 U	3.4E-01 U	6.8E-01 U	7.2E-01 U	1.1E-01 U	3.4E-01 U
1,1-Dichloroethene	6.6E-01	7.3E-01	9.1E-01	1.1E+00	1.1E+00	1.0E+00	1.1E+00 U	1.2E+00 U	1.3E+00	1.0E+00	1.2E+00 J	1.5E+00 J	9.1E-01	1.0E+00	1.0E+00	2.5E+00	2.6E+00	ND	2.7E+00	2.1E+00 U	2.6E+00	1.0E+00	4.8E-01	7.1E-01	1.8E-01 U	2.9E-01	3.3E-01 U	6.7E-01 U	7.1E-01 U	4.4E-01	3.3E-01 U
1,1-Difluoroethane	--	--	2.4E+00 U	2.2E+00 U	8.9E-01 U	9.1E-01 U	3.1E+00 U	3.2E+00 U	8.8E-01 U	8.6E-01 U	2.9E+00 U	3.0E+00 U	1.6E+00 U	1.7E+00 U	--	--	--	--	9.1E-02 U	6.1E+00 U	5.6E+00 U	2.0E+00 U	--	--	--	--	--	--	1.9E+00 U	2.8E-01 U	9.1E-01 U
1,2,4-Trichlorobenzene	4.9E+00 U	4.8E+00 U	6.5E+00 U	6.1E+00 U	2.4E+00 U	2.5E+00 U	8.5E+00 U	8.8E+00 U	2.4E+00 U	2.4E+00 U	8.0E+00 U	8.3E+00 U	4.5E+00 U	4.8E+00 U	--	--	--	--	5.3E+00 U	1.6E+01 U	1.4E+01 U	5.3E+00 U	3.2E+00 U	1.4E+00 UJ	1.4E+00 U	1.0E+00 U	2.5E+00 U	5.0E+00 U	5.3E+00 U	7.8E-01 U	2.5E+00 U
1,2,4-Trimethylbenzene	8.1E-01 U	7.9E-01 U	1.1E+00 U	1.0E+00 U	4.0E-01 U	4.1E-01 U	1.4E+00 U	1.4E+00 U	1.6E+00 U	1.6E+00 U	1.3E+00 U	1.4E+00 U	7.5E-01 U	7.9E-01 U	--	--	--	--	1.1E-02	2.7E+00 U	2.4E+00 U	9.0E-01 U	5.0E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	4.1E-01 U	8.2E-01 U	8.8E-01 U	1.3E-01 U	4.1E-01 U
1,2-Dibromoethane (EDB)	1.3E+00 U	1.2E+00 U	1.7E+00 U	1.6E+00 U	6.3E-01 U	6.4E-01 U	2.2E+00 U	2.3E+00 U	6.2E-01 U	6.1E-01 U	2.1E+00 U	2.2E+00 U	1.2E+00 U	1.2E+00 U	--	--	--	--	3.8E-02 U	4.1E+00 U	3.7E+00 U	1.4E+00 U	7.7E-01 U	3.7E-01 U	3.6E-01 U	2.7E-01 U	6.4E-01 U	1.3E+00 U	1.4E+00 U	2.0E-01 U	6.4E-01 U
1,2-Dichlorobenzene	9.9E-01 U	9.9E-01 U	1.3E+00 U	1.2E+00 U	4.9E-01 U	5.0E-01 U	1.7E+00 U	1.8E+00 U	4.9E-01 U	4.8E-01 U	1.6E+00 U	1.7E+00 U	9.2E-01 U	9.7E-01 U	--	--	--	--	2.4E+00 U	3.2E+00 U	2.9E+00 U	1.1E+00 U	6.0E-01 U	2.9E-01 U	2.8E-01 U	2.1E-01 U	5.0E-01 U	1.0E+00 U	1.1E+00 U	1.6E-01 U	5.0E-01 U
1,2-Dichloroethane	6.6E-01 U	6.5E-01 U	8.8E-01 U	8.3E-01 U	3.3E-01 U	3.4E-01 U	1.2E+00 U	1.2E+00 U	3.3E-01 U	3.2E-01 U	1.1E+00 U	1.1E+00 U	6.2E-01 U	6.5E-01 U	--	ND	ND	ND	3.2E-02 U	2.2E+00 U	2.0E+00 U	7.4E-01 U	4.1E-01 U	2.0E-01 U	1.9E-01 U	1.4E-01 U	3.4E-01 U	6.8E-01 U	7.2E-01 U	1.1E-01 U	3.4E-01 U
1,2-Dichloropropane	7.6E-01 U	7.4E-01 U	1.0E+00 U	9.5E-01 U	3.8E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	3.7E-01 U	3.7E-01 U	1.6E+00	1.3E+00 U	7.0E-01 U	7.4E-01 U	--	ND	ND	ND	3.6E-02 U	2.5E+00 U	2.2E+00 U	8.4E-01 U	4.7E-01 U	2.2E-01 U	2.2E-01 U	1.6E-01 U	3.9E-01 U	7.8E-01 U	8.3E-01 U	1.2E-01 U	3.9E-01 U
1,3,5-Trimethylbenzene	8.1E-01 U	7.9E-01 U	1.1E+00 U	1.0E+00 U	4.0E-01 U	4.1E-01 U	1.4E+00 U	1.4E+00 U	4.0E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	7.5E-01 U	7.9E-01 U	--	--	--	--	--	2.7E+00 U	2.4E+00 U	9.0E-01 U	5.0E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	4.1E-01 U	8.2E-01 U	8.8E-01 U	1.3E-01 U	4.1E-01 U
1,3-Butadiene	3.6E-01 U	3.6E-01 U	4.8E-01 U	4.5E-01 U	1.8E-01 U	1.8E-01 U	6.3E-01 U	6.6E-01 U	1.8E-01 U	1.8E-01 U	5.9E-01 U	6.2E-01 U	3.4E-01 U	3.6E-01 U	--	--	--	--	--	1.2E+00 U	1.1E+00 U	4.0E-01 U	2.2E-01 U	1.1E-01 U	1.0E-01 U	7.7E-02 U	1.8E-01 U	3.7E-01 U	4.0E-01 U	5.8E-02 U	1.8E-01 U
1,3-Dichlorobenzene	9.9E-01 U	9.7E-01 U	1.3E+00 U	1.2E+00 U	4.9E-01 U	5.0E-01 U	1.7E+00 U	1.8E+00 U	4.9E-01 U	4.8E-01 U	1.6E+00 U	1.7E+00 U	9.2E-01 U	9.7E-01 U	--	--	--	--	--	3.2E+00 U	2.9E+00 U	1.1E+00 U	6.0E-01 U	2.9E-01 U	2.8E-01 U	2.1E-01 U	5.0E-01 U	1.0E+00 U	1.1E+00 U	1.6E-01 U	5.0E-01 U
1,3-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4E-01 U	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	9.9E-01 U	9.7E-01 U	1.3E+00 U	1.2E+00 U	4.9E-01 U	5.0E-01 U	1.7E+00 U	1.8E+00 U	4.9E-01 U	4.8E-01 U	1.6E+00 U	1.7E+00 U	9.2E-01 U	9.7E-01 U	--	--	--	--	4.5E-03 U	3.2E+00 U	2.9E+00 U	1.1E+00 U	6.0E-01 U	2.9E-01 U	2.8E-01 U	2.1E-01 U	5.0E-01 U	1.0E+00 U	1.1E+00 U	1.6E-01 U	5.0E-01 U
1,4-Dioxane	2.4E+00 U	2.3E+00 U	3.1E+00 U	3.0E+00 U	1.2E+00 U	1.2E+00 U	4.1E+00 U	4.3E+00 U	1.2E+00 U	1.2E+00 U	3.9E+00 U	4.0E+00 U	2.2E+00 U	2.3E+00 U	--	--	--	--	7.3E-03 U	7.7E+00 U	7.0E+00 U	2.6E+00 U	1.5E+00 U	7.0E-01 U	6.8E-01 U	5.0E-01 U	1.2E+00 U	2.4E+00 U	2.6E+00 U	3.8E-01 U	1.2E+00 U
2,2,4-Trimethylpentane	7.7E-01 U	7.5E-01 U	1.0E+00 U	9.6E-01 U	3.8E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	3.8E-01 U	3.7E-01 U	1.2E+00 U	1.3E+00 U	7.1E-01 U	7.5E-01 U	--	--	--	--	3.5E-03 U	2.5E+00 U	2.2E+00 U	8.4E-01 U	4.7E-01 U	2.2E-01 U	2.2E-01 U	1.6E-01 U	3.9E-01 U	7.8E-01 U	8.4E-01 U	1.2E-01 U	3.9E-01 U
2,3-Dimethylbutane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.0E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	1.9E+00 U	1.9E+00 U	2.6E+00 U	2.4E+00 U	9.7E-01 U	9.9E-01 U	3.4E+00 U	3.5E+00 U	9.6E-01 U	9.4E-01 U	3.2E+00 U	3.3E+00 U	1.8E+00 U	1.9E+00 U	--	ND	ND	ND	2.3E-02 U	1.6E+00 U	1.4E+00 U	5.3E-01 U	3.0E-01 U	1.4E-01 U	5.5E-01 U	4.1E-01 U	9.9E-01 U	2.0E+00 U	2.1E+00 U	3.1E-01 U	9.9E-01 U
2-Hexanone	2.7E+00 U	2.6E+00 U	3.6E+00 U	3.4E+00 U	1.3E+00 U	1.4E+00 U	4.7E+00 U	4.8E+00 U	1.3E+00 U	1.3E+00 U	4.4E+00 U	4.6E+00 U	2.5E+00 U	2.6E+00 U	--	--	--	--	2.1E-02 U	8.8E+00 U	7.9E+00 U	2.9E+00 U	1.8E+00 U	7.9E-01 U	7.7E-01 U	5.7E-01 U	1.4E+00 U	2.8E+00 U	2.9E+00 U	4.3E-01 U	1.4E+00 U
2-Methylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Propanol	1.6E+00 U	1.6E+00 U	2.1E+00 U	2.0E+00 U	8.1E-01 U	8.2E-01 U	2.8E+00 U	2.9E+00 U	8.0E-01 U	7.9E-01 U	2.6E+00 U	2.8E+00 U	2.1E+00	1.6E+00 U	--	--	--	--	--	5.3E+00 U	8.3E+00	1.8E+00 U	1.1E+00 U	4.8E-01 U	4.6E-01 U	3.4E-01 U	8.2E-01 U	1.6E+00 U	1.8E+00 U	2.6E-01 U	8.2E-01 U
3-Chloropropene	2.0E+00 U	2.0E+00 U	2.7E+00 U	2.6E+00 U	1.0E+00 U	1.0E+00 U	3.6E+00 U	3.7E+00 U	1.0E+00 U	1.0E+00 U	3.4E+00 U	3.5E+00 U	1.9E+00 U	2.0E+00 U	--	--	--	--	--	6.7E+00 U	6.0E+00 U	2.2E+00 U	1.3E+00 U	6.0E-01 U	5.9E-01 U	4.4E-01 U	1.0E+00 U	2.1E+00 U	2.2E+00 U	3.3E-01 U	1.0E+00 U
3-Methylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	8.1E-01 U	7.9E-01 U	1.1E+00 U	1.0E+00 U	4.0E-01 U	4.1E-01 U	1.4E+00 U	1.4E+00 U	4.0E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	7.5E-01 U	7.9E-01 U	--	--	--	--	--	2.7E+00 U	2.4E+00 U	9.0E-01 U	5.0E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	4.1E-01 U	8.2E-01 U	8.8E-01 U	1.3E-01 U	4.1E-01 U
4-Methyl-2-pentanone (MIBK)	6.7E-01 U	6.6E-01 U	9.0E-01 U	8.4E-01 U	3.4E-01 U	3.4E-01 U	1.2E+00 U	1.2E+00 U	3.3E-01 U	3.3E-01 U	1.1E+00 U	1.1E+00 U	6.2E-01 U	6.6E-01 U	--	--	--	--	3.1E-02 U	2.1E+00 UJ	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.9E-01 U	1.4E-01 U	3.4E-01 U	6.9E-01 U	7.3E-01 U	1.1E-01 U	3.4E-01 U
Acetone	1.6E+00 U	1.5E+00 U	2.1E+00 U	1.9E+00 U	3.0E+00	1.9E+00	2.7E+00 U	2.8E+00 U	7.7E-01 U	7.6E-01 U	6.4E+00 U	6.6E+00 U	3.6E+00 U	3.8E+00 U	--	ND	ND	ND	7.5E-02 U	5.1E+00 U	4.8E+00	1.7E+00 U	1.0E+00 U	4.6E-01 U	4.4E-01 U	3.3E-01 U	8.0E-01 U	1.6E+00 U	1.7E+00 U	2.5E-01 U	8.0E-01 U
alpha-Chlorotoluene	8.5E-01 U	8.3E-01 U	1.1E+00 U	1.1E+00 U	4.2E-01 U	4.3E-01 U	1.5E+00 U	1.5E+00 U	1.7E+00 U	1.6E+00 U	1.4E+00 U	1.4E+00 U	7.9E-01 U	8.3E-01 U	--	--	--	--	--	2.8E+00 U	2.6E+00 U	9.6E-01 U	5.3E-01 U	2.6E-01 U	2.4E-01 U	1.8E-01 U	4.3E-01 U	8.7E-01 U	9.3E-01 U	1.4E-01 U	4.3E-01 U
Benzene	5.2E-01 U	5.1E-01 U	7.0E-01 U	6.5E-01 U	2.6E-01 U	2.7E-01 U	9.2E-01 U	9.5E-01 U	1.0E+00	8.6E-01	8.6E-01 U	8.9E-01 U	4.9E-01 U	5.1E-01 U	--	7.1E-02	ND	ND	2.5E-02 U	1.7E+00 U	1.6E+00 U	5.8E-01 U	3.2E-01 U	1.6E-01 U	1.5E-01 U	1.1E-01 U	2.7E-01 U	5.4E-01 U	5.7E-01 U	8.4E-02 U	2.7E-01 U
Bromodichloromethane	1.1E+00 U	1.1E+00 U	1.5E+00 U	1.4E+00 U	5.5E-01 U	5.6E-01 U	1.9E+00 U	2.0E+00 U	5.4E-01 U	5.4E-01 U	1.8E+00 U	1.9E+00 U	1.0E+00 U	1.1E+00 U	--	--	--	--	5.2E-02 U	3.5E+00 U	3.2E+00 U	1.2E+00 U	6.7E-01 U	3.2E-01 U	3.1E-01 U	2.3E-01 U	5.6E-01 U	1.1E+00 U	1.2E+00 U	1.8E-01 U	5.6E-01 U
Bromoform	1.7E+00 U	1.7E+00 U	2.2E+00 U	2.1E+00 U	8.5E-01 U	8.7E-01 U	3.0E+00 U	3.1E+00 U	3.3E+00 U	3.3E+00 U	2.8E+00 U	2.9E+00 U	1.6E+00 U	1.7E+00 U	--	--	--	--	8.1E-02 U	5.5E+00 U	5.0E+00 U	1.9E+00 U	1.0E+00 U	5.0E-01 U	4.8E-01 U	3.6E-01 U	8.7E-01 U	1.7E+00 U	1.8E+00 U	2.7E-01 U	8.7E-01 U
Bromomethane	6.4E-01 U	6.2E-01 U	8.5E-01 U	8.0E-01 U	3.2E-01 U	3.3E-01 U	1.1E+00 U	1.2E+00 U	3.1E-01 U	3.1E-01 U	1.0E+01 U	1.1E+01 U	5.9E+00 U	6.2E+00 U	--	--	--	--	3.1E-02 U	2.1E+00 U	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.8E-01 U	1.3E-01 U	3.3E-01 U	6.5E-01 U	7.0E-01 U	1.0E-01 U	3.3E-01 U
Carbon disulfide	2.0E+00 U	2.0E+00 U	2.7E+00 U	2.6E+00 U	2.6E-01 U	2.6E-01 U	3.6E+00 U	3.7E+00 U	2.8E-01	2.5E-01 U	3.3E+00 U	3.5E+00 U	1.9E+00 U	2.0E+00 U	ND	--	ND	ND	2.4E-02 U	1.7E+00 U	2.0E+00	5.6E-01 U	3.1E-01 U	1.5E-01 U	5.8E-01 U	4.3E-01 U	1.0E+00 U	2.1E+00 U	2.2E+00 U	8.2E-02 U	1.0E+00 U
Carbon tetrachloride	1.3E+01	1.4E+01	1.5E+01	1.3E+01	1.7E+01	1.8E+01	1.6E+01	1.7E+01	1.7E+01	1.2E+01	1.1E+01	1.2E+01	1.2E+01	1.4E+01	1.4E+01	2.9E+01	2.8E+01	3.7E+00	6.1E+00	9.9E+00	2.7E+01	1.2E+01	4.5E+00	7.4E+00	2.5E+00	2.4E+00	2.7E+00	4.9E+00	5.4E+00	4.4E+00	3.5E+00
Chlorobenzene	7.6E-01 U	7.4E-01 U	1.0E+00 U	9.4E-01 U	3.8E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	3.7E-01 U	3.7E-01 U	1.2E+00 U	1.3E+00 U	7.0E-01 U	7.4E-01 U	--	--	--	--	3.6E-02 U	2.5E+00 U	2.2E+00 U	8.4E-01 U	4.7E-01 U	2.2E-01 U	2.2E-01 U	1.6E-01 U	3.9E-01 U	7.7E-01 U	8.2E-01 U	1.2E-01 U	3.9E-01 U
Chloroethane	1.7E+00 U	1.7E+00 U	2.3E+00 U	2.2E+00 U	8.6E-01 U	8.9E-01 U	3.0E+00 U	3.1E+00 U	8.5E-01 U	8.4E-01 U	2.8E+00 U	3.0E+00 U	1.6E+00 U	1.7E+00 U	--	--	--	--	2.1E-02 U	1.4E+00 U	1.3E+00 U	4.8E-01 U	2.7E-01 U	1.3E-01 U	4.9E-01 U	3.7E-01 U	8.9E-01 U	1.8E+00 U	1.9E+00 U	2.8E-01 U	8.9E-01 U
Chloroform	1.8E+02	2.0E+02	2.0E+02	1.8E+02	2.3E+02	2.4E+02	2.2E+02	2.3E+02	2.4E+02	1.6E+02	2.4E+02	2.4E+02	1.8E+02	1.9E+02	1.9E+01	4.2E+01	4.3E+01	5.7E+00	9.5E+00	1.6E+01	4.7E+01	1.9E+01	1.0E+01	2.1E+01	1.2E+01	1.1E+01	1.3E+01	1.9E+01	1.7E+01	1.8E+01	1.4E+01
Chloromethane	1.4E+00 U	1.3E+00 U	1.8E+00 U	1.7E+00 U	6.8E-01 U	6.9E-01 U	2.4E+00 U	2.4E+00 U	6.7E-01 U	6.6E-01 U	5.5E+00 U	5.8E+00 U	3.1E+00 U	3.3E+00 U	--	--	--	--	--	4.4E+00 U	4.0E+00 U	1.5E+00 U	8.8E-01 U	4.0E-01 U	3.9E-01 U	2.9E-01 U	6.9E-01 U	1.4E+00 U	1.5E+00 U	2.2E-01 U	6.9E-01 U
cis-1,2-Dichloroethene	6.5E-01 U	7.3E-01 U	8.7E-01 U	8.1E-01 U	3.2E-01 U	3.3E-01 U	1.1E+00 U	1.2E+00 U	3.2E-01 U	3.2E-01 U	1.1E+00 U	1.1E+00 U	6.0E-01 U	6.4E-01 U	--	--	--	--	3.1E-02 U	2.1E+00 U	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.8E-01 U	1.4E-01 U	3.3E-01 U	6.7E-01 U	7.1E-01 U	1.0E-01 U	3.3E-01 U
cis-1,3-Dichloropropene	7.4E-01 U	7.4E-01 U	9.9E-01 U	9.3E-01 U	3.7E-01 U	3.8E-01 U	1.3E+00 U	1.3E+00 U	3.7E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	6.9E-01 U	7.3E-01 U	--	--	--	--	2.3E-03 U	2.5E+00 U	2.2E+00 U	8.4E-01 U	4.7E-01 U	2.2E-01 U	2.1E-01 U	1.6E-01 U	3.8E-01 U	7.6E-01 U	8.1E-01 U	1.2E-01 U	3.8E-01 U
Cyclohexane	5.6E-01 U	5.5E-01 U	7.5E-01 U	7.0E-01 U	3.2E-01	3.2E-01	9.9E-01 U	1.0E+00 U	3.6E+00	2.9E+00	9.2E-01 U	9.6E-01 U	5.2E-01 U	5.5E-01 U	--	6.3E-01	ND	ND	--	1.8E+00 U	1.6E+00 U	6.0E-01 U	3.3E-01 U	1.6E-01 U	1.6E-01 U	1.2E-01 U	2.9E-01 U	5.8E-01 U	6.2E-01 U	9.1E-02 U	2.9E-01 U
Cyclohexanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyclopentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3E-01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	1.4E+00 U	1.4E+00 U	1.9E+00 U	1.7E+00 U	7.0E-01 U	7.2E-01 U	2.4E+00 U	2.5E+00 U	6.9E-01 U	6.8E-01 U	2.3E+00 U	2.4E+00 U	1.3E+00 U	1.4E+00 U	--	--	--	--	6.8E-02 U	4.6E+00 U	4.2E+00 U	1.6E+00 U	8.7E-01 U	4.2E-01 U	4.0E-01 U	3.0E-01 U	7.2E-01 U	1.4E+00 U	1.5E+00 U	2.2E-01 U	7.2E-01 U
Dichlorodifluoromethane (Freon 12)	1.2E+01	1.2E+01	1.4E+01	1.5E+01	1.6E+01	1.7E+01	1.7E+01 J	1.8E+01 J	1.7E+01	1.2E+01	1.3E+01	1.3E+01	9.4E+00	9.8E+00	--	1.7E+01	1.8E+01	ND	5.9E-03 U	9.9E+00	2.0E+01	7.4E+00	3.4E+00	5.9E+00	1.6E+00	1.5E+00	2.2E+00	3.4E+00	3.6E+00	3.6E+00	3.1E+00 J
Dichlorotetrafluoroethane (Freon 114)	1.1E+00 U	1.1E+00 U	1.5E+00 U	1.4E+00 U	5.7E-01 U	5.9E-01 U	2.0E+00 U	2.1E+00 U	5.7E-01 U	5.6E-01 U	1.9E+00 U	2.0E+00 U	1.1E+00 U	1.1E+00 U	--	--	--	--	--	3.7E+00 U	3.4E+00 U	1.3E+00 U	7.0E-01 U	3.4E-01 U	3.3E-01 U	2.4E-01 U	5.9E-01 U	1.2E+00 U	1.2E+00 U	1.8E-01 U	5.9E-01 U
Ethanol	1.2E+00 U	1.2E+00 U	1.6E+00 U	1.5E+00 U	6.2E-01 U	6.3E-01 U	2.2E+00 U	2.2E+00 U	6.1E-01 U	6.0E-01 U	2.0E+00 U	2.1E+00 U	1.1E+00 U	1.2E+00 U	--	--	--	--	--	4.0E+00 U	3.6E+00 U	1.3E+00 U	8.1E-01 U	3.6E-01 U	3.5E-01 U	2.6E-01 U	6.3E-01 U	1.3E+00 U	1.3E+00 U	2.0E-01 U	6.3E-01 U
Ethyl acetate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	7.2E-02 U	7.6E+00 U	6.9E+00 U	2.5E+00 U	--	--	--	--	--	--	--	--	--
Ethylbenzene	7.1E-01 U	7.0E-01 U	9.5E-01 U	8.9E-01 U	3.6E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	3.5E-01 U	3.5E-01 U	1.2E+00 U	1.2E+00 U	6.6E-01 U	7.0E-01 U	--	ND	ND	ND	3.4E-02 U	2.3E+00 U	2.1E+00 U	7.8E-01 U	4.3E-01 U	2.1E-01 U	2.0E-01 U	1.5E-01 U	3.6E-01 U	7.3E-01 U	7.8E-01 U	1.1E-01 U	3.6E-01 U
Heptane	6.7E-01 U	6.6E-01 U	9.0E-01 U	8.4E-01 U	3.4E-01 U	3.4E-01 U	1.2E+00 U	1.2E+00 U	2.3E+00	2.1E+00	1.1E+00 U	1.1E+00 U	6.2E-01 U	6.6E-01 U	--	ND	ND	ND	--	2.1E+00 U	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.9E-01 U	1.4E-01 U	3.4E-01 U	6.9E-01 U	7.3E-01 U	1.1E-01 U	3.4E-01 U
Hexachlorobutadiene	7.0E+00 U	6.9E+00 U	9.3E+00 U	8.7E+00 U	3.5E+00 U	3.6E+00 U	1.2E+01 U	1.3E+01 U	3.4E+00 U	3.4E+00 U	1.1E+01 U	1.2E+01 U	6.5E+00 U	6.9E+00 U	--	--	--	--	--	2.3E+01 U	2.1E+01 U	7.6E+00 U	4.6E+00 U	2.1E+00 UJ	2.0E+00 U	1.5E+00 U	3.6E+00 U	7.2E+00 U	7.6E+00 U	1.1E+00 U	3.6E+00 U
Hexane	5.8E-01 U	5.7E-01 U	7.7E-01 U	7.2E-01 U	2.9E-01 U	3.0E-01 U	1.0E+00 U	1.0E+00 U	9.8E+00	6.9E+00	9.5E-01 U	9.9E-01 U	5.4E-01 U	5.7E-01 U	--	ND	ND	ND	1.9E+00 U	1.9E+00 U	1.8E+00 U	6.6E-01 U	3.7E-01 U	1.8E-01 U	1.6E-01 U	1.2E-01 U	3.0E-01 U	5.9E-01 U	6.3E-01 U	9.3E-02 U	3.0E-01 U
Isobutane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopentane (2-methylbutane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	8.1E-01 U	7.9E-01 U	1.1E+00 U	1.0E+00 U	4.0E-01 U	4.1E-01 U	1.4E+00 U	1.4E+00 U	4.0E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	7.5E-01 U	7.9E-01 U	--	--	--	--	--	2.7E+00 U	2.4E+00 U	9.0E-01 U	5.0E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	4.1E-01 U	8.2E-01 U	8.8E-01 U	1.3E-01 U	4.1E-01 U
m,p-Xylene	7.1E-01 U	7.0E-01 U	9.5E-01 U	8.9E-01 U	3.6E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	3.5E-01 U	3.5E-01 U	1.2E+00 U	1.2E+00 U	6.6E-01 U	7.0E-01 U	--	--	--	--	3.4E-02 U	2.3E+00 U	2.1E+00 U	7.8E-01 U	4.3E-01 U	2.1E-01 U	2.0E-01 U	1.5E-01 U	3.6E-01 U	7.3E-01 U	7.8E-01 U	1.1E-01 U	3.6E-01 U
Methyl tert-butyl ether	5.9E-01 U	5.8E-01 U	7.9E-01 U	7.4E-01 U	3.0E-01 U	3.0E-01 U	1.0E+00 U	1.1E+00 U	2.9E-01 U	2.9E-01 U	9.7E-01 U	1.0E+00 U	5.5E-01 U	5.8E-01 U	--	--	--	--	1.2E-02 U	1.9E+00 U	1.8E+00 U	6.6E-01 U	3.7E-01 U	1.8E-01 U	1.7E-01 U	1.2E-01 U	3.0E-01 U	6.0E-01 U	6.4E-01 U	9.5E-02 U	3.0E-01 U
Methylene chloride	9.3E-01	9.6E-01	1.1E+00	1.2E+00	1.2E+00	1.3E+00	2.4E+00	2.4E+00	1.4E+00	1.0E+00	9.3E+00 U	9.7E+00 U	5.3E+00 U	5.6E+00 U	4.7E-01	6.2E-01	ND	ND	1.2E-01	1.8E+00 U	1.8E+00	6.2E-01 U	3.5E-01 U	1.9E-01	1.8E-01	1.4E-01	4.1E-01	5.8E-01 U	6.2E-01 U	1.7E-01	5.0E-01
n-Propylbenzene	8.1E-01 U	7.9E-01 U	1.1E+00 U	1.0E+00 U	4.0E-01 U	4.1E-01 U	1.4E+00 U	1.4E+00 U	4.0E-01 U	3.9E-01 U	1.3E+00 U	1.4E+00 U	7.5E-01 U	7.9E-01 U	--	--	--	--	7.5E-01 U	2.7E+00 U	2.4E+00 U	9.0E-01 U	5.0E-01 U	2.4E-01 U	2.3E-01 U	1.7E-01 U	4.1E-01 U	8.2E-01 U	8.8E-01 U	1.3E-01 U	4.1E-01 U
o-Xylene	7.1E-01 U	7.0E-01 U	9.5E-01 U	8.9E-01 U	3.6E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	3.5E-01 U	3.5E-01 U	1.2E+00 U	1.2E+00 U	6.6E-01 U	7.0E-01 U	--	--	--	--	3.4E-02 U	2.3E+00 U	2.1E+00 U	7.8E-01 U	4.3E-01 U	2.1E-01 U	2.0E-01 U	1.5E-01 U	3.6E-01 U	7.3E-01 U	7.8E-01 U	1.1E-01 U	3.6E-01 U
Propene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	3.6E+00 U	3.3E+00 U	1.2E+00 U	--	--	--	--	--	--	--	--	--
Styrene	7.0E-01 U	6.8E-01 U	9.3E-01 U	8.7E-01 U	3.5E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	3.4E-01 U	3.4E-01 U	1.1E+00 U	1.2E+00 U	6.9E-01	6.8E-01 U	--	ND	ND	ND	2.2E-03 U	2.3E+00 U	2.1E+00 U	7.8E-01 U	4.3E-01 U	2.1E-01 U	2.0E-01 U	1.5E-01 U	3.6E-01 U	7.2E-01 U	7.6E-01 U	1.1E-01 U	3.6E-01 U
Sulfur Dioxide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.4E-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	1.1E+00 U	1.1E+00 U	1.5E+00 U	1.4E+00 U	1.8E+00	1.9E+00	6.4E+00	5.3E+00	1.5E+00	9.3E-01	1.8E+00 U	1.9E+00 U	1.9E+00	1.7E+00	1.7E+00	5.1E+00	5.2E+00	ND	7.5E-01	3.6E+00 U	3.3E+00 U	1.3E+00	6.8E-01 U	8.2E-01	4.3E-01	3.3E-01	5.7E-01 U	1.1E+00 U	1.2E+00 U	3.5E-01	6.4E-01
Tetrahydrofuran	4.8E-01 U	4.7E-01 U	6.4E-01 U	6.0E-01 U	2.4E-01 U	2.5E-01 U	8.4E-01 U	8.7E-01 U	2.4E-01 U	2.4E-01 U	7.9E-01 U	8.2E-01 U	4.5E-01 U	4.7E-01 U	--	ND	ND	ND	--	1.6E+00 U	1.4E+00 U	5.3E-01 U	3.0E-01 U	1.4E-01 U	1.4E-01 U	1.0E-01 U	2.5E-01 U	5.0E-01 U	5.3E-01 U	7.8E-02 U	2.5E-01 U
Toluene	6.2E-01 U	6.1E-01 U	8.4E-01	1.9E+00	3.1E-01 U	3.2E-01 U	1.1E+00 U	1.1E+00 U	3.0E-01 U	3.0E-01 U	1.0E+00 U	1.1E+00	5.7E-01 U	6.1E-01 U	--	ND	ND	ND	2.9E-02 U	1.9E+00 U	5.5E+00	6.6E-01 U	3.7E-01 U	1.8E-01 U	1.8E-01 U	1.3E-01 U	3.2E-01 U	6.3E-01 U	6.7E-01 U	9.9E-02 U	3.2E-01 U
trans-1,2-Dichloroethene	6.5E-01 U	6.4E-01 U	8.7E-01 U	8.1E-01 U	3.2E-01 U	3.3E-01 U	1.1E+00 U	1.2E+00 U	3.2E-01 U	3.2E-01 U	1.1E+00 U	1.1E+00 U	6.0E-01 U	6.4E-01 U	--	--	--	--	3.1E-02 U	2.1E+00 U	1.9E+00 U	7.2E-01 U	4.0E-01 U	1.9E-01 U	1.8E-01 U	1.4E-01 U	3.3E-01 U	6.7E-01 U	7.1E-01 U	1.0E-01 U	3.3E-01 U
trans-1,3-Dichloropropene	7.4E-01 U	7.3E-01 U	9.9E-01 U	9.3E-01 U	3.7E-01 U	3.8E-01 U	1.3E+00 U	1.3E+00 U	3.7E-01 U	3.6E-01 U	1.2E+00 U	1.3E+00 U	6.9E-01 U	7.3E-01 U	--	--	--	--	1.2E+01 U	2.5E+00 U	2.2E+00 U	8.4E-01 U	4.7E-01 U	2.2E-01 U	2.1E-01 U	1.6E-01 U	3.8E-01 U	7.6E-01 U	8.1E-01 U	1.2E-01 U	3.8E-01 U
Trichloroethene	8.8E+00	9.5E+00	9.2E+00	8.6E+00	1.2E+01	1.3E+01	1.1E+01	1.1E+01	1.1E+01	7.9E+00	1.2E+01	1.2E+01	1.1E+01	1.1E+01	6.6E+00	1.3E+01	1.3E+01	ND	2.2E+00	4.4E+00	9.3E+00	4.1E+00	2.1E+00	3.6E+00	1.7E+00	1.7E+00	1.4E+00	2.3E+00	2.0E+00	2.5E+00	2.1E+00
Trichlorofluoromethane (Freon 11)	3.2E+02	3.4E+02	3.8E+02	3.7E+02	3.8E+02	3.9E+02	4.2E+02 J	4.2E+02 J	4.0E+02	2.8E+02	3.8E+02	3.7E+02	2.7E+02	2.8E+02	2.6E+02	1.0E+03	1.0E+03	9.7E+01	9.7E+02	5.0E+02	9.7E+02	3.6E+02	1.7E+02	2.3E+02	7.0E+01	6.8E+01	9.6E+01	1.6E+02	1.9E+02	1.3E+02	1.2E+02 J
Vinyl acetate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.0E-03 U	7.4E+00 U	6.7E+00 U	2.5E+00 U	--	--	--	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2E+00 U	8.3E+00 U	3.1E+00 U	--	--	--	--	--	--	--	--	--
Vinyl chloride	4.2E-01 U	4.1E-01 U	5.6E-01 U	5.2E-01 U	2.1E-01 U	2.1E-01 U	7.3E-01 U	7.6E-01 U	2.1E-01 U	2.0E-01 U	6.9E-01 U	7.2E-01 U	3.9E-01 U	4.1E-01 U	--	--	--	--	2.0E-02 U	1.4E+00 U	1.2E+00 U	4.6E-01 U	2.6E-01 U	1.2E-01 U	1.2E-01 U	8.9E-02 U	2.1E-01 U	4.3E-01 U	4.6E-01 U	6.7E-02 U	2.1E-01 U
Xylenes, total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE I-6

ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES AT SOIL VAPOR MONITORING WELLS[1,2]

Page-Trowbridge Ranch Landfill
Pinal County, Arizona

Concentrations shown in miligrams per cubic meter (mg/m^3)

Analyte / Sample Date	SGD-DP 3/1/2012	SGD-DP 3/12/2012	SGD-DP 3/29/2012	SGD-Well 12/29/2003	SGD-Well 5/12/2006	SGD-Well 11/3/2011	SGD-Well 12/22/2011	SGD-well 3/5/2012	MW-2 5/12/2006	MW-2 11/15/2006	MW-2 4/25/2007
1,1,1-Trichloroethane	3.3E-01 U	4.7E-01 U	2.4E-01 U	--	ND	1.9E-02 U	9.3E-02 U	7.6E-02 U	ND	ND	ND
1,1,2,2-Tetrachloroethane	4.1E-01 U	5.9E-01 U	3.0E-01 U	--	--	2.3E-02 U	1.2E-01 U	9.6E-02 U	--	--	--
1,1,2-Trichloroethane	3.3E-01 U	4.7E-01 U	2.4E-01 U	--	--	1.9E-02 U	9.3E-02 U	7.6E-02 U	--	--	--
1,1,2-Trichlorotrifluoroethane (Freon 113)	6.7E+00	4.2E+00	2.8E+00	1.2E-01	ND	8.4E-02	1.3E-01 U	6.2E-01	ND	ND	ND
1,1-Dichloroethane	2.4E-01 U	3.5E-01 U	1.8E-01 U	--	ND	1.4E-02 U	6.9E-02 U	5.7E-02 U	ND	ND	ND
1,1-Dichloroethene	7.1E-01	7.1E-01 J	3.4E-01	1.1E-02	ND	1.4E-02 U	6.8E-02 U	5.6E-02 U	ND	ND	ND
1,1-Difluoroethane	6.5E-01 U	9.2E-01 U	4.7E-01 U	--	--	--	1.6E+02 J	1.5E-01 U	--	--	--
1,2,4-Trichlorobenzene	1.8E+00 U	2.5E+00 U	1.3E+00 U	--	--	1.0E-01 U	5.1E-01 U	4.2E-01 U	--	--	--
1,2,4-Trimethylbenzene	1.2E+00 U	4.2E-01 U	2.2E-01 U	--	--	1.7E-02 U	8.4E-02 U	6.9E-02 U	--	--	--
1,2-Dibromoethane (EDB)	4.6E-01 U	6.6E-01 U	3.4E-01 U	--	--	2.6E-02 U	1.3E-01 U	1.1E-01 U	--	--	--
1,2-Dichlorobenzene	3.6E-01 U	5.1E-01 U	2.6E-01 U	--	--	2.0E-02 U	1.0E-01 U	8.4E-02 U	--	--	--
1,2-Dichloroethane	2.4E-01 U	3.5E-01 U	1.8E-01 U	--	ND	1.4E-02 U	6.9E-02 U	5.7E-02 U	ND	ND	ND
1,2-Dichloropropane	2.8E-01 U	4.0E-01 U	2.0E-01 U	--	ND	1.6E-02 U	7.9E-02 U	6.5E-02 U	ND	ND	ND
1,3,5-Trimethylbenzene	2.9E-01 U	4.2E-01 U	2.2E-01 U	--	--	1.7E-02 U	8.4E-02 U	6.9E-02 U	--	--	--
1,3-Butadiene	1.3E-01 U	1.9E-01 U	9.7E-02 U	--	--	7.6E-03 U	3.8E-02 U	3.1E-02 U	--	--	--
1,3-Dichlorobenzene	3.6E-01 U	5.1E-01 U	2.6E-01 U	--	--	2.0E-02 U	1.0E-01 U	8.4E-02 U	--	--	--
1,3-Dichloropropane	--	--		--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	3.6E-01 U	5.1E-01 U	2.6E-01 U	--	--	2.0E-02 U	1.0E-01 U	8.4E-02 U	--	--	--
1,4-Dioxane	8.6E-01 U	1.2E+00 U	6.3E-01 U	--	--	4.9E-02 U	2.5E-01 U	2.0E-01 U	--	--	--
2,2,4-Trimethylpentane	2.8E-01 U	4.0E-01 U	2.0E-01 U	--	--	1.6E-02 U	8.0E-02 U	6.5E-02 U	--	--	--
2,3-Dimethylbutane	--	--		--	ND	--	--	--	ND	--	--
2-Butanone (MEK)	7.1E-01 U	1.0E+00 U	5.2E-01 U	--	8.3E-01	4.0E-02 U	2.0E-01 U	1.6E-01 U	ND	ND	ND
2-Hexanone	9.8E-01 U	1.4E+00 U	7.2E-01 U	--	--	5.6E-02 U	2.8E-01 U	2.3E-01 U	--	--	--
2-Methylpentane	--	--		--	ND	--	--	--	ND	--	--
2-Propanol	5.9E-01 U	9.1E-01	4.3E-01 U	--	--	3.4E-02 U	1.7E-01 U	1.4E-01 U	--	--	--
3-Chloropropene	7.5E-01 U	1.1E+00 U	5.5E-01 U	--	--	4.3E-02 U	2.1E-01 U	1.8E-01 U	--	--	--
3-Methylpentane	--	--		--	ND	--	--	-	ND	--	--
4-Ethyltoluene	2.9E-01 U	4.2E-01 U	2.2E-01 U	--	--	1.7E-02 U	8.4E-02 U	6.9E-02 U	--	--	--
4-Methyl-2-pentanone (MIBK)	2.4E-01 U	3.5E-01 U	1.8E-01 U	--	--	1.4E-02 U	7.0E-02 U	5.7E-02 U	--	--	--
Acetone	5.7E-01 U	2.0E+00 U	1.0E+00 U	--	3.4E-01	4.4E-02	1.6E-01 U	3.3E-01 U	4.6E+01	ND	ND
alpha-Chlorotoluene	1.2E+00 U	4.4E-01 U	2.3E-01 U	--	--	1.8E-02 U	8.8E-02 U	7.2E-02 U	--	--	--
Benzene	1.9E-01 U	2.7E-01 U	1.4E-01 U	--	ND	1.1E-02 U	5.5E-02 U	4.5E-02 U	ND	ND	ND
Bromodichloromethane	4.0E-01 U	5.7E-01 U	2.9E-01 U	--	--	2.3E-02 U	1.1E-01 U	9.4E-02 U	--	--	--
Bromoform	2.5E+00 U	8.8E-01 U	4.5E-01 U	--	--	3.5E-02 U	1.8E-01 U	1.4E-01 U	--	--	--
Bromomethane	2.3E-01 U	3.3E+00 U	1.7E+00 U	--	--	1.3E-02 U	6.6E-02 U	5.4E-01 U	--	--	--
Carbon disulfide	1.9E-01 U	1.6E+00 J	5.4E-01 U	4.1E+01		4.3E-02 U	2.1E-01 U	1.7E-01 U		ND	ND
Carbon tetrachloride	7.4E+00	3.7E+00	3.3E+00	1.3E-01	ND	4.5E-02	1.1E-01 U	6.6E-01	ND	ND	ND
Chlorobenzene	2.8E-01 U	3.9E-01 U	2.0E-01 U	--	--	1.6E-02 U	7.9E-02 U	6.4E-02 U	--	--	--
Chloroethane	6.3E-01 U	9.0E-01 U	4.6E-01 U	--	--	3.6E-02 U	1.8E-01 U	1.5E-01 U	--	--	--
Chloroform	2.7E+01	6.3E+01	1.3E+01	2.5E-01	ND	1.4E-01	8.3E-02 U	3.0E+00	ND	9.9E-01	ND
Chloromethane	5.0E-01 U	1.8E+00 U	9.0E-01 U	--	--	2.8E-02 U	1.4E-01 U	2.9E-01 U	--	--	--
cis-1,2-Dichloroethene	2.4E-01 U	3.4E-01 U	1.7E-01 U	--	--	1.4E-02 U	6.8E-02 U	5.6E-02 U	--	--	--
cis-1,3-Dichloropropene	2.7E-01 U	3.9E-01 U	2.0E-01 U	--	--	1.6E-02 U	7.8E-02 U	6.4E-02 U	--	--	--
Cyclohexane	3.7E-01	2.9E-01 U	1.5E-01 U	--	ND	1.2E-02 U	5.9E-02 U	4.8E-02 U	ND	ND	1.2E-02
Cyclohexanone	--	--		--	ND	--	--	--	ND	--	--
Cyclopentane	--	--		--	ND	--	--	--	ND	--	--
Dibromochloromethane	5.1E-01 U	7.3E-01 U	3.7E-01 U	--	--	2.9E-02 U	1.4E-01 U	1.2E-01 U	--	--	--
Dichlorodifluoromethane (Freon 12)	5.9E+00	3.0E+00	2.3E+00	--	ND	1.4E-01	8.4E-02 U	4.2E-01	ND	ND	ND
Dichlorotetrafluoroethane (Freon 114)	4.2E-01 U	6.0E-01 U	3.0E-01 U	--	--	2.4E-02 U	1.2E-01 U	9.8E-02 U	--	--	--
Ethanol	4.5E-01 U	6.4E-01 U	3.3E-01 U	--	--	2.6E-02 U	1.3E-01 U	1.0E-01 U	--	--	--
Ethyl acetate	--	--		--	--	--	--	--	--	ND	ND
Ethylbenzene	2.6E-01 U	3.7E-01 U	1.9E-01 U	--	ND	1.5E-02 U	7.4E-02 U	6.1E-02 U	ND	ND	ND
Heptane	2.4E-01 U	3.5E-01 U	1.8E-01 U	--	ND	1.4E-02 U	7.0E-02 U	5.7E-02 U	1.7E+01	3.8E-01	ND
Hexachlorobutadiene	2.6E+00 U	3.6E+00 U	1.9E+00 U	--	--	1.4E-01 U	7.3E-01 U	6.0E-01 U	--	--	--
Hexane	5.7E-01	3.0E-01 U	1.5E-01 U	--	ND	1.2E-02 U	6.0E-02 U	4.9E-02 U	ND	ND	ND
Isobutane	--	--		--	ND	--	--	--	ND	--	--
Isopentane (2-methylbutane)	--	--		--	ND	--	--	--	ND	--	--
Isopropylbenzene	2.9E-01 U	4.2E-01 U	2.2E-01 U	--	--	1.7E-02 U	8.4E-02 U	6.9E-02 U	--	--	--
m,p-Xylene	2.6E-01 U	3.7E-01 U	1.9E-01 U	--	--	1.5E-02 U	7.4E-02 U	6.1E-02 U	--	--	--
Methyl tert-butyl ether	2.2E-01 U	3.1E-01 U	1.6E-01 U	--	--	1.2E-02 U	6.2E-02 U	5.0E-02 U	--	--	--
Methylene chloride	4.2E-01	3.0E+00 U	1.5E+00 U	3.6E-03	ND	1.2E-02 U	5.9E-02 U	4.9E-01 U	ND	ND	ND
n-Propylbenzene	2.9E-01 U	4.2E-01 U	2.2E-01 U	--	--	1.7E-02 U	8.4E-02 U	6.9E-02 U	--	--	--
o-Xylene	2.6E-01 U	3.7E-01 U	1.9E-01 U	--	--	1.5E-02 U	7.4E-02 U	6.1E-02 U	--	--	--
Propene	--	--		--	ND	--	--	--	ND	ND	ND
Styrene	2.6E-01 U	3.7E-01	1.9E-01 U	--	ND	1.4E-02 U	7.3E-02 U	6.0E-02 U	ND	ND	ND
Sulfur Dioxide	--	--		--	1.6E-01	--	--	--	ND	--	--
Tetrachloroethene	5.3E-01	9.2E-01	3.3E-01	1.1E-02	ND	2.3E-02 U	1.2E-01 U	9.5E-02 U	ND	ND	ND
Tetrahydrofuran	1.8E-01 U	2.5E-01 U	1.3E-01 U	--	ND	1.0E-02 U	5.0E-02 U	4.1E-02 U	1.8E+01	ND	ND
Toluene	2.3E-01 U	5.2E-01	1.9E-01	--	ND	1.3E-02 U	6.4E-02 U	5.8E-02	1.6E+02	1.3E+01	3.5E-01
trans-1,2-Dichloroethene	2.4E-01 U	3.4E-01 U	1.7E-01 U	--	--	1.4E-02 U	6.8E-02 U	5.6E-02 U	--	--	--
trans-1,3-Dichloropropene	2.7E-01 U	3.9E-01 U	2.0E-01 U	--	--	1.6E-02 U	7.8E-02 U	6.4E-02 U	--	--	--
Trichloroethene	3.8E+00	3.6E+00	1.9E+00	2.7E-02	ND	1.8E-02 U	9.2E-02 U	2.9E-01	4.4E+00	ND	ND
Trichlorofluoromethane (Freon 11)	2.1E+02	1.2E+02	9.1E+01	6.5E+00	2.9E+00	4.3E+00	9.6E-02 U	2.0E+01	ND	2.9E-01	ND
Vinyl acetate	--	--		--	--	--	--	--	--	--	--
Vinyl bromide	--	--		--	--	--	--	--	--	--	--
Vinyl chloride	1.5E-01 U	2.2E-01 U	1.1E-01 U	--	--	8.7E-03 U	4.4E-02 U	3.6E-02 U	--	--	--
Xylenes, total	--	--		--	ND	--	--	--	ND	ND	ND

Analyte / Sample Date	MW-2[4] 12/19/2007	MW-2 4/9/2008	MW-2 10/20/2008	MW-2 4/15/2009	MW-2 11/18/2009	MW-2 10/13/2010	MW-2 4/20/2011	MW-2 10/18/2011
1,1,1-Trichloroethane	1.8E-02 U	7.5E-03 U	6.4E-03 U	6.9E-03 U	6.4E-03 U	6.4E-03 U	6.6E-03 U	4.6E-03 U
1,1,2,2-Tetrachloroethane	3.5E-03 U	9.8E-03 U	8.4E-03 U	9.1E-03 U	9.1E-03 U	8.4E-03 U	8.4E-03 U	5.8E-03 U
1,1,2-Trichloroethane	--	7.5E-03 U	6.4E-03 U	6.9E-03 U	6.4E-03 U	6.4E-03 U	6.6E-03 U	4.6E-03 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	--	1.1E-02 U	9.4E-03 U	1.0E-02 U	1.0E-02 U	9.4E-03 U	3.5E-02	7.1E-03
1,1-Dichloroethane	1.4E-02 U	5.6E-03 U	4.8E-03 U	5.2E-03 U	4.8E-03 U	4.8E-03 U	4.9E-03 U	3.4E-03 U
1,1-Dichloroethene	1.3E-02 U	5.5E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.8E-03 U	4.8E-03 U	3.3E-03 U
1,1-Difluoroethane	2.9E+01 E	1.6E-02 U	3.8E-01	1.5E-02 U	--	--	--	--
1,2,4-Trichlorobenzene	1.5E-02 U	4.1E-02 U	3.7E-02 U	3.8E-02 U	3.6E-02 U	3.7E-02 U	3.6E-02 U	2.5E-02 U
1,2,4-Trimethylbenzene	--	7.0E-03 U	6.0E-03 U	6.5E-03 U	6.5E-03 U	6.0E-03 U	6.0E-03 U	4.1E-03 U
1,2-Dibromoethane (EDB)	--	1.1E-02 U	9.2E-03 U	1.0E-02 U	9.2E-03 U	9.2E-03 U	9.4E-03 U	6.4E-03 U
1,2-Dichlorobenzene	1.9E+00 U	8.4E-03 U	7.2E-03 U	7.8E-03 U	7.8E-03 U	7.2E-03 U	7.3E-03 U	5.0E-03 U
1,2-Dichloroethane	1.4E-02 U	5.7E-03 U	4.9E-03 U	5.3E-03 U	4.9E-03 U	4.9E-03 U	4.9E-03 U	3.4E-03 U
1,2-Dichloropropane	1.6E-02 U	6.5E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.6E-03 U	5.6E-03 U	3.9E-03 U
1,3,5-Trimethylbenzene	--	7.0E-03 U	6.0E-03 U	6.5E-03 U	6.0E-03 U	6.0E-03 U	6.0E-03 U	4.1E-03 U
1,3-Butadiene	--	3.1E-03 U	2.7E-03 U	2.9E-03 U	2.9E-03 U	2.7E-03 U	2.7E-03 U	1.8E-03 U
1,3-Dichlorobenzene	--	8.4E-03 U	7.2E-03 U	7.8E-03 U	7.2E-03 U	7.2E-03 U	7.3E-03 U	5.0E-03 U
1,3-Dichloropropane	6.3E-02 U	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	8.4E-03 U	7.2E-03 U	7.8E-03 U	7.8E-03 U	7.2E-03 U	7.3E-03 U	5.0E-03 U
1,4-Dioxane	7.7E+00 U	2.0E-02 U	1.8E-02 U	1.9E-02 U	1.8E-02 U	1.8E-02 U	1.8E-02 U	1.2E-02 U
2,2,4-Trimethylpentane	--	6.5E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.6E-03 U	5.7E-03 U	3.9E-03 U
2,3-Dimethylbutane	--	--	--	--	--	--	--	--
2-Butanone (MEK)	6.5E-03	2.1E-02	2.1E-02	3.9E-03 U	3.6E-03 U	4.2E-03	1.4E-02 U	9.9E-03 U
2-Hexanone	5.8E-02 U	2.3E-02 U	2.0E-02 U	2.1E-02 U	2.2E-02 U	2.0E-02 U	2.0E-02 U	1.4E-02 U
2-Methylpentane	--	--	--	--	--	--	--	--
2-Propanol	--	1.4E-02 U	1.2E-02 U	1.3E-02 U	1.2E-02 U	1.2E-02 U	1.2E-02 U	8.2E-03 U
3-Chloropropene	2.4E-03 U	1.7E-02 U	1.6E-02 U	1.6E-02 U	1.7E-02 U	1.6E-02 U	1.5E-02 U	1.0E-02 U
3-Methylpentane	--	--	--	--	--	--	--	--
4-Ethyltoluene	--	7.0E-03 U	6.0E-03 U	6.5E-03 U	6.0E-03 U	6.0E-03 U	6.0E-03 U	4.1E-03 U
4-Methyl-2-pentanone (MIBK)	1.4E-02 U	5.6E-03 UJ	3.6E-02	5.2E-03 U	5.2E-03 U	4.8E-03 U	5.0E-03 U	3.4E-03 U
Acetone	3.4E-02 U	9.4E-02	4.4E-02	1.4E-02	2.0E-01	3.9E-02	5.1E-02	4.3E-02
alpha-Chlorotoluene		7.5E-03 U	6.4E-03 U	6.9E-03 U	6.9E-03 U	6.4E-03 U	6.3E-03 U	4.3E-03 U
Benzene	4.5E-03 U	4.5E-03 U	3.9E-03 U	4.2E-03 U	3.9E-03 U	3.9E-03 U	3.9E-03 U	2.7E-03 U
Bromodichloromethane	2.3E-02 U	9.3E-03 U	8.0E-03 U	8.7E-03 U	8.7E-03 U	8.0E-03 U	8.2E-03 U	5.6E-03 U
Bromoform	--	1.4E-02 U	1.2E-02 U	1.3E-02 U	1.2E-02 U	1.2E-02 U	1.3E-02 U	8.7E-03 U
Bromomethane	1.4E-02 U	5.6E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.8E-03 U	4.7E-03 U	3.3E-03 U
Carbon disulfide	5.6E-03 U	9.4E-03	4.4E-03	4.1E-03 U	3.8E-03 U	3.8E-03 U	1.5E-02 U	1.0E-02
Carbon tetrachloride	2.1E-02 U	9.3E-03	7.4E-03 U	1.9E-02	8.1E-03 U	7.4E-03 U	3.0E-02 J	1.0E-02 J
Chlorobenzene	1.6E-02 U	6.5E-03 U	5.6E-03 U	6.1E-03 U	5.6E-03 U	5.6E-03 U	5.6E-03 U	3.9E-03 U
Chloroethane	9.1E-03 U	3.7E-03 U	3.5E-03	3.5E-03 U	3.5E-03 U	3.2E-03 U	1.3E-02 U	8.9E-03 U
Chloroform	8.5E+02	6.6E-03 U	9.9E-03	6.1E-03 U	5.7E-03 U	5.7E-03 U	6.0E-03 U	4.1E-03 U
Chloromethane	--	1.1E-02 U	1.0E-02 U	1.1E-02 U	1.1E-02 U	1.0E-02 U	1.0E-02 U	6.9E-03 U
cis-1,2-Dichloroethene	2.1E-02	5.6E-03 U	4.8E-03 U	5.2E-03 U	4.8E-03 U	4.8E-03 U	4.8E-03 U	3.3E-03 U
cis-1,3-Dichloropropene	2.5E+00 U	6.5E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.6E-03 U	5.5E-03 U	3.8E-03 U
Cyclohexane	--	4.7E-03 U	4.0E-03 U	4.3E-03 U	4.0E-03 U	4.0E-03 U	4.2E-03 U	2.9E-03 U
Cyclohexanone	--	--	--	--	--	--	--	--
Cyclopentane	--	--	--	--	--	--	--	--
Dibromochloromethane	1.2E-02 U	1.2E-02 U	1.0E-02 U	1.1E-02 U	1.1E-02 U	1.0E-02 U	1.0E-02 U	7.2E-03 U
Dichlorodifluoromethane (Freon 12)	1.2E+01	2.5E-02	5.9E-03 U	4.5E-02	1.1E-02	5.9E-03 U	1.1E-01	1.4E-02
Dichlorotetrafluoroethane (Freon 114)	--	9.8E-03 U	8.4E-03 U	9.1E-03 U	9.1E-03 U	8.4E-03 U	8.5E-03 U	5.9E-03 U
Ethanol	--	1.8E-02	9.4E-03 U	9.8E-03 U	9.2E-03 U	2.1E-02	1.6E-02	9.6E-03
Ethyl acetate	--	2.0E-02 U	1.8E-02 U	1.8E-02 U	--	--	--	--
Ethylbenzene	1.5E-02 U	6.1E-03 U	5.2E-03 U	5.6E-03 U	5.6E-03 U	5.2E-03 U	6.9E-03	3.6E-03 U
Heptane	--	5.6E-03 U	2.0E-02	5.2E-03 U	4.8E-03 U	4.8E-03 U	5.0E-03 U	3.4E-03 U
Hexachlorobutadiene	--	6.0E-02 U	5.3E-02 U	5.5E-02 U	5.7E-02 U	5.3E-02 U	5.2E-02 U	3.6E-02 U
Hexane	6.6E-01 U	5.1E-03 U	4.4E-03 U	4.8E-03 U	5.1E-03	4.4E-03 U	4.3E-03 U	3.0E-03 U
Isobutane	--	--	--	--	--	--	--	--
Isopentane (2-methylbutane)	--	--	--	--	--	--	--	--
Isopropylbenzene		7.0E-03 U	6.0E-03 U	6.5E-03 U	6.5E-03 U	6.0E-03 U	6.0E-03 U	4.1E-03 U
m,p-Xylene	1.5E-02 U	6.1E-03 U	5.2E-03 U	7.8E-03	5.2E-03 U	5.2E-03 U	3.4E-02	5.0E-03
Methyl tert-butyl ether	1.8E-03 U	5.1E-03 U	4.4E-03 U	4.8E-03 U	4.8E-03 U	4.4E-03 U	4.4E-03 U	3.0E-03 U
Methylene chloride	1.2E-02 U	4.9E-03 U	4.2E-03 U	4.5E-03 U	8.7E-03	4.2E-02	4.2E-03 U	3.6E-03
n-Propylbenzene	9.0E-01 U	7.0E-03 U	6.0E-03 U	6.5E-03 U	6.5E-03 U	6.0E-03 U	6.0E-03 U	4.1E-03 U
o-Xylene	1.5E-02 U	6.1E-03 U	5.2E-03 U	5.6E-03 U	5.2E-03 U	5.2E-03 U	8.3E-03	3.6E-03 U
Propene	--	9.5E-03 U	8.4E-03 U	9.3E-03	--	--	--	--
Styrene	1.5E-02 U	6.1E-03 U	5.2E-03 U	5.6E-03 U	5.6E-03 U	5.2E-03 U	5.2E-03 U	3.6E-03 U
Sulfur Dioxide	--	--	--	--	--	--	--	--
Tetrachloroethene	2.3E-02 U	9.5E-03 U	8.2E-03 U	8.9E-03 U	8.2E-03 U	8.2E-03 U	8.3E-03 U	5.7E-03 U
Tetrahydrofuran	--	1.2E-02	4.5E-03	3.9E-03 U	3.9E-03 U	3.6E-03 U	3.6E-03 U	2.5E-03 U
Toluene	2.6E+00	5.1E-01	1.6E-01	1.8E-02	7.7E-03	5.5E-03	4.6E-03 U	3.2E-03 U
trans-1,2-Dichloroethene	5.6E-03 U	5.6E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.8E-03 U	4.8E-03 U	3.3E-03 U
trans-1,3-Dichloropropene	--	6.5E-03 U	5.6E-03 U	6.1E-03 U	5.6E-03 U	5.6E-03 U	5.5E-03 U	3.8E-03 U
Trichloroethene	2.7E-02	7.2E-03 U	6.2E-03 U	6.7E-03 U	6.7E-03 U	7.2E-03	6.6E-03 U	4.5E-03 U
Trichlorofluoromethane (Freon 11)	--	1.1E-01	6.9E-03 U	2.9E-01	8.0E-02	2.1E-02	2.0E+00	3.4E-01
Vinyl acetate	8.8E+00 U	1.9E-02 U	1.7E-02 U	1.8E-02 U	--	--	--	--
Vinyl bromide	--	2.4E-02 U	2.1E-02 U	2.2E-02 U	--	--	--	--
Vinyl chloride	8.7E-03 U	3.6E-03 U	5.6E-03	3.3E-03 U	3.3E-03 U	3.1E-03 U	3.1E-03 U	2.1E-03 U
Xylenes, total	--	--	--	--	--	--	--	--

Analyte / Sample Date	MW-5 5/12/2006	MW-5 11/15/2006	MW-5 4/25/2007	MW-5[4] 12/19/2007	MW-5 4/9/2008	MW-5 10/20/2008	MW-5 4/15/2009	MW-5 11/18/2009	MW-5 10/15/2010	MW-5 4/20/2011	MW-5 10/18/2011	MW-5-Dup 10/18/2011
1,1,1-Trichloroethane	ND	ND	ND	6.4E-03 U	1.4E-02	6.4E-03 U	6.9E-03 U	6.9E-03 U	6.5E-03 U	6.8E-03 U	4.7E-03 U	4.8E-03 U
1,1,2,2-Tetrachloroethane	--	--	--	3.5E-03 U	1.4E-02 U	8.4E-03 U	9.1E-03 U	9.1E-03 U	8.2E-03 U	8.5E-03 U	5.9E-03 U	6.0E-03 U
1,1,2-Trichloroethane	--	--	--	--	1.1E-02 U	6.4E-03 U	6.9E-03 U	6.9E-03 U	6.5E-03 U	6.8E-03 U	4.7E-03 U	4.8E-03 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	ND	4.6E-03	1.9E+01	2.2E-01	9.4E-03 U	1.5E-02	1.0E-02 U	9.2E-03 U	2.1E-02	8.5E-03	8.7E-03
1,1-Dichloroethane	ND	ND	ND	4.8E-03 U	8.0E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.8E-03 U	5.0E-03 U	3.5E-03 U	3.5E-03 U
1,1-Dichloroethene	ND	ND	ND	4.8E-03 U	2.3E-02	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.7E-03 U	4.9E-03 U	3.4E-03 U	3.5E-03 U
1,1-Difluoroethane	--	--	--	2.7E+01 E	2.3E-02 U	1.4E-02 U	1.5E-02 U	--	--	--	--	--
1,2,4-Trichlorobenzene	--	--	--	4.2E-02 U	6.0E-02 U	3.7E-02 U	3.8E-02 U	3.8E-02 UJ	3.5E-02 U	3.7E-02 U	2.6E-02 U	2.6E-02 U
1,2,4-Trimethylbenzene	--	--	--	--	1.0E-02 U	1.1E-02	6.5E-03 U	6.5E-03 U	5.9E-03 U	6.1E-03 U	4.2E-03 U	4.3E-03 U
1,2-Dibromoethane (EDB)	--	--	--	--	1.5E-02 U	9.2E-03 U	1.0E-02 U	1.0E-02 U	9.2E-03 U	9.5E-03 U	6.6E-03 U	6.7E-03 U
1,2-Dichlorobenzene	--	--	--	4.8E+00 U	1.2E-02 U	7.2E-03 U	7.8E-03 U	7.8E-03 U	7.2E-03 U	7.4E-03 U	5.2E-03 U	5.3E-03 U
1,2-Dichloroethane	ND	ND	ND	4.9E-03 U	8.2E-03 U	4.9E-03 U	5.3E-03 U	5.3E-03 U	4.8E-03 U	5.0E-03 U	3.5E-03 U	3.5E-03 U
1,2-Dichloropropane	ND	ND	ND	5.6E-03 U	9.3E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.5E-03 U	5.7E-03 U	4.0E-03 U	4.0E-03 U
1,3,5-Trimethylbenzene	--	--	--	--	1.0E-02 U	6.0E-03 U	6.5E-03 U	6.5E-03 U	5.9E-03 U	6.1E-03 U	4.2E-03 U	4.3E-03 U
1,3-Butadiene	--	--	--	--	4.5E-03 U	2.7E-03 U	2.9E-03 U	2.9E-03 U	2.6E-03 U	2.7E-03 U	1.9E-03 U	1.9E-03 U
1,3-Dichlorobenzene	--	--	--	--	1.2E-02 U	7.2E-03 U	7.8E-03 U	7.8E-03 U	7.2E-03 U	7.4E-03 U	5.2E-03 U	5.3E-03 U
1,3-Dichloropropane	--	--	--	2.2E-02 U	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--		1.2E-02 U	7.2E-03 U	7.8E-03 U	7.8E-03 U	7.2E-03 U	7.4E-03 U	5.2E-03 U	5.3E-03 U
1,4-Dioxane	--	--	--	3.6E+00 U	2.9E-02 U	1.8E-02 U	1.9E-02 U	1.9E-02 U	1.7E-02 U	1.8E-02 U	1.2E-02 U	1.3E-02 U
2,2,4-Trimethylpentane	--	--	--	1.0E-02	1.0E-02	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.6E-03 U	5.8E-03 U	4.0E-03 U	4.1E-03 U
2,3-Dimethylbutane	ND	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	ND	ND	ND	8.0E-03	9.2E-03	6.5E-03	5.0E-03	4.2E-03	3.9E-03	1.5E-02 U	1.0E-02 U	1.0E-02 U
2-Hexanone	--	--	--	2.0E-02 U	3.3E-02 U	2.0E-02 U	2.1E-02 U	2.1E-02 U	2.0E-02 U	2.0E-02 U	1.4E-02 U	1.4E-02 U
2-Methylpentane	ND	--	--	--	--	--	--	--	--	--	--	--
2-Propanol	--	--	--	--	2.0E-02 U	1.2E-02 U	1.3E-02 U	1.3E-02 U	1.4E-02	1.2E-02 U	8.5E-03 U	8.6E-03 U
3-Chloropropene	--	--	--	--	2.5E-02 U	1.6E-02 U	1.6E-02 U	1.6E-02 U	1.5E-02 U	1.6E-02 U	1.1E-02 U	1.1E-02 U
3-Methylpentane	ND	--	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	--	--	--	3.8E-03 U	1.0E-02 U	1.3E-02	6.5E-03 U	6.5E-03 U	5.9E-03 U	6.1E-03 U	4.2E-03 U	4.3E-03 U
4-Methyl-2-pentanone (MIBK)	--	--	--	4.8E-03 U	8.0E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.9E-03 U	5.1E-03 U	3.5E-03 U	3.6E-03 U
Acetone	ND	ND	4.8E-02	3.4E-02	3.4E-02	3.6E-02	5.6E-02	2.0E-02	3.9E-02	3.1E-02	4.3E-02	4.3E-02
alpha-Chlorotoluene	--	--	--	--	1.1E-02 U	6.4E-03 U	6.9E-03 U	6.9E-03 U	6.2E-03 U	6.4E-03 U	4.5E-03 U	4.5E-03 U
Benzene	ND	ND	8.4E-03	1.1E-02	6.5E-03 U	2.1E-02	4.2E-03 U	4.2E-03 U	3.8E-03 U	5.4E-03	5.4E-03	5.4E-03
Bromodichloromethane	--	--	--	8.0E-03 U	1.3E-02 U	8.0E-03 U	8.7E-03 U	8.7E-03 U	8.0E-03 U	8.3E-03 U	5.8E-03 U	5.9E-03 U
Bromoform	--	--	--	1.2E-02 U	2.1E-02 U	1.2E-02 U	1.3E-02 U	1.3E-02 U	1.2E-02 U	1.3E-02 U	8.9E-03 U	9.0E-03 U
Bromomethane	--	--	--	4.8E-03 U	8.0E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.6E-03 U	4.8E-03 U	3.4E-03 U	3.4E-03 U
Carbon disulfide	--	ND	4.1E-03	4.1E-03	6.3E-03 U	7.8E-03	1.0E-02	4.1E-03 U	3.7E-03 U	1.5E-02 U	1.4E-02	1.4E-02
Carbon tetrachloride	ND	ND	ND	7.4E-03 U	9.9E-02	7.4E-03 U	8.1E-03 U	8.1E-03 U	7.5E-03 U	7.8E-03 U	5.4E-03 U	5.5E-03 U
Chlorobenzene	--	--	--	5.6E-03 U	9.3E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.5E-03 U	5.7E-03 U	4.0E-03 U	4.0E-03 U
Chloroethane	--	--	--	3.2E-03 U	5.3E-03 U	3.2E-03 U	3.5E-03 U	3.5E-03 U	3.2E-03 U	1.3E-02 U	9.1E-03 U	9.2E-03 U
Chloroform	ND	9.9E-01	4.0E-03	8.5E+02	1.1E+00	5.7E-03 U	6.1E-03 U	6.1E-03 U	5.8E-03 U	6.0E-03 U	4.2E-03 U	4.3E-03 U
Chloromethane	--	--	--	--	1.7E-02 U	1.0E-02 U	1.1E-02 U	1.1E-02 U	9.9E-03 U	1.0E-02 U	7.1E-03 U	7.2E-03 U
cis-1,2-Dichloroethene	--	--	--	4.8E-03 U	8.0E-03	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.7E-03 U	4.9E-03 U	3.4E-03 U	3.5E-03 U
cis-1,3-Dichloropropene	--	--	--	1.2E+00 U	9.3E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.4E-03 U	5.6E-03 U	3.9E-03 U	4.0E-03 U
Cyclohexane	ND	ND	4.0E-02	--	1.6E-02	4.0E-03 U	4.3E-03 U	4.3E-03 U	4.1E-03 U	4.3E-03 U	3.0E-03 U	3.0E-03 U
Cyclohexanone	ND	--	--	--	--	--	--	--	--	--	--	--
Cyclopentane	ND	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	--	--	1.0E-02 U	1.7E-02 U	1.0E-02 U	1.1E-02 U	1.1E-02 U	1.0E-02 U	1.0E-02 U	7.4E-03 U	7.4E-03 U
Dichlorodifluoromethane (Freon 12)	ND	ND	ND	3.4E+00	1.4E-01	5.9E-03 U	6.4E-03 U	6.4E-03 U	5.9E-03 U	1.3E-02	4.7E-03	5.4E-03
Dichlorotetrafluoroethane (Freon 114)	--	--	--	--	1.4E-02 U	8.4E-03 U	9.1E-03 U	9.1E-03 U	8.4E-03 U	8.7E-03 U	6.0E-03 U	6.1E-03 U
Ethanol	--	--	--	--	1.5E-02 U	9.4E-03 U	9.8E-03 U	9.8E-03 U	1.8E-02 J	9.3E-03 J	1.8E-02	1.5E-02
Ethyl acetate	--	ND	6.5E-02	--	2.9E-02 U	1.8E-02 U	1.8E-02 U	--	--	--	--	--
Ethylbenzene	ND	ND	2.6E-03	5.2E-03 U	8.7E-03 U	1.5E-02	1.0E-02	5.6E-03 U	5.2E-03 U	5.4E-03 U	3.8E-03 U	3.8E-03 U
Heptane	1.8E+01	2.3E-01	2.9E-02	--	8.0E-03 U	5.2E-03	5.2E-03 U	5.2E-03 U	4.9E-03	5.1E-03 U	3.5E-03 U	3.6E-03 U
Hexachlorobutadiene	--	--	--	--	8.7E-02 U	5.3E-02 U	5.5E-02 U	5.5E-02 U	5.1E-02 U	5.3E-02 U	3.7E-02 U	3.7E-02 U
Hexane	ND	3.7E-01	ND	1.9E+00 U	1.4E-02	4.4E-03 U	4.8E-03 U	4.8E-03 U	6.9E-03	4.4E-03 U	3.0E-03 U	3.1E-03 U
Isobutane	ND	--	--	--	--	--	--	--	--	--	--	--
Isopentane (2-methylbutane)	ND	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	--	--	--	--	1.0E-02 U	3.1E-02	6.5E-03 U	6.5E-03 U	5.9E-03 U	6.1E-03 U	4.2E-03 U	4.3E-03 U
m,p-Xylene	--	--	--	5.2E-03 U	8.7E-03 U	2.1E-02	3.2E-02	5.6E-03 U	5.2E-03 U	1.4E-02	5.3E-03	4.9E-03
Methyl tert-butyl ether	--	--	--	1.8E-03 U	7.3E-03 U	4.4E-03 U	4.8E-03 U	4.8E-03 U	4.3E-03 U	4.5E-03 U	3.1E-03 U	3.2E-03 U
Methylene chloride	ND	ND	9.7E-03	4.2E-03 U	1.2E-02	4.2E-03 U	4.5E-03 U	4.5E-03 U	6.4E-03	4.3E-03 U	3.2E-03	3.7E-03
n-Propylbenzene	--	--	--	1.3E-01 U	1.0E-02 U	6.0E-03 U	6.5E-03 U	6.5E-03 U	5.9E-03 U	6.1E-03 U	4.2E-03 U	4.3E-03 U
o-Xylene	--	--	--	5.2E-03 U	8.7E-03 U	1.0E-02	6.1E-03	5.6E-03 U	5.2E-03 U	5.4E-03 U	3.8E-03 U	3.8E-03 U
Propene	ND	ND	3.3E-03	--	2.4E-02	8.4E-03 U	9.8E-03	--	--	--	--	--
Styrene	ND	ND	6.1E-03	2.2E-03 U	8.7E-03 U	5.2E-03 U	5.6E-03 U	5.6E-03 U	5.1E-03 U	5.3E-03 U	3.7E-03 U	3.7E-03 U
Sulfur Dioxide	ND	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	ND	ND	8.2E-03	8.2E-03 U	1.6E-02	8.2E-03 U	8.9E-03 U	8.9E-03 U	8.1E-03 U	8.4E-03 U	5.9E-03 U	5.9E-03 U
Tetrahydrofuran	5.9E+00	ND	ND	--	5.9E-03 U	3.6E-03 U	3.9E-03 U	3.9E-03 U	3.5E-03 U	3.6E-03 U	2.6E-03 U	2.6E-03 U
Toluene	1.2E+02	1.4E+01	1.5E-01	1.2E-01	4.4E-02	1.5E-01	1.3E-02	4.8E-03 U	1.8E-02	9.4E-03	2.0E-02	2.0E-02
trans-1,2-Dichloroethene	--	--	--	4.8E-03 U	8.0E-03 U	4.8E-03 U	5.2E-03 U	5.2E-03 U	4.7E-03 U	4.9E-03 U	3.4E-03 U	3.5E-03 U
trans-1,3-Dichloropropene	--	--	--	--	9.3E-03 U	5.6E-03 U	6.1E-03 U	6.1E-03 U	5.4E-03 U	5.6E-03 U	3.9E-03 U	4.0E-03 U
Trichloroethene	9.8E+00	ND	ND	6.2E-03 U	6.2E-02	6.2E-03 U	6.7E-03 U	6.7E-03 U	6.4E-03 U	6.7E-03 U	4.6E-03 U	4.7E-03 U
Trichlorofluoromethane (Freon 11)	ND	4.0E-01	1.1E-01	--	4.4E+00	1.1E-02	4.9E-01	7.4E-03 U	4.3E-02	1.2E+00	3.8E-01	4.0E-01
Vinyl acetate	--	--	--	7.4E+00 U	2.8E-02 U	1.7E-02 U	1.8E-02 U	--	--	--	--	--
Vinyl bromide	--	--	--		3.5E-02 U	2.1E-02 U	2.2E-02 U	--	--	--	--	--
Vinyl chloride	--	--	--	3.1E-03 U	6.9E-03	3.1E-03 U	3.3E-03 U	3.3E-03 U	3.0E-03 U	3.2E-03 U	2.2E-03 U	2.2E-03 U
Xylenes, total	ND	ND	2.1E-02	--	--	--	--	--	--	--	--	--

Notes
1. Data qualifiers are as follows:
   -- = no data available.
   ND = not detected; no numerical value available for detection limit or reporting limit.
   U = analyte not detected at reporting limit indicated.
   UJ = analyte not detected at reporting limit indicated; reporting limit is estimated.
   J = reported result is the estimated concentration.
   E = concentration exceeds the calibration range of the instrument; reported results should be considered an estimate.
2. Volatile organic compounds (VOCs) analyzed by EPA Method TO-15.
3. Dup = field duplicate sample.
4. Leak detection compound detected in samples collected from SGS-SP, MW-2, and MW-5 on 12/19/2007.

Abbreviations
EDB = ethylene dibromide
EPA = US Environmental Protection Agency
MEK = methyl ethyl ketone
MIBK = methyl isobutyl ketone