

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 34254	ITCMI 34256 FB	ITCMI 34257
File ID	O3HZ008	O3HZ009	O3HZ010
Date Sampled	07/02/03	07/08/03	07/08/03
Date Analyzed	08/26/03	08/26/03	08/26/03
	Actual Vol (m ³)	Actual Vol (m ³)	Actual Vol (m ³)
	332.80		

Compound	MDL (pg/m ³)	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)	
Naphthalene	0.036	0.370		1.112	0.040			0.180	
Acenaphthylene	0.100	0.050	U	0.150	ND			0.030	U
Acenaphthalene	0.036	0.250		0.751	ND			0.160	
Fluorene	0.049	0.620		1.863	ND			0.480	
Fluoranthrene	0.043	0.940		2.825	ND			0.600	
Pyrene	0.094	0.430		1.292	ND			0.340	
Phenthrene	0.061	5.320		15.986	0.020	U		3.780	
Anthracene	0.061	0.180		0.541	ND			0.200	
Benz(a)anthracene	0.085	0.040	U	0.120	ND			0.030	U
Chrysene	0.043	0.100		0.300	ND			0.090	
Benzo(b)fluoranthene	0.149	0.080	U	0.240	0.010	U		0.060	U
Benzo(k)fluoranthene	0.055	0.060		0.180	0.010	U		0.050	U
Benzo(e)pyrene	0.094	ND		ND	ND			ND	
Benzo(a)pyrene	0.125	0.050	U	0.150	ND			0.040	U
Perylene	0.076	ND		ND	ND			ND	
Indeno(1,2,3-cd)pyrene	0.103	0.140		0.421	0.010	U		0.080	U
Dibenz(a,h)anthracene	0.097	0.110		0.331	0.010	U		0.020	U
Benzo(g,h,i)perylene	0.076	0.270		0.811	0.020	U		0.120	
Coronene	0.100	0.060	U	0.180	ND			0.030	U

332.80

Actual Vol (m³)

Actual Vol (m³)

329.21

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 34520	ITCMI 34521	ITCMI 34618 FB
File ID	O3HZ011	O3HZ012	O3H~005
Date Sampled	07/14/03	07/20/03	07/26/03
Date Analyzed	08/26/03	08/27/03	08/27/03

318.8	Actual Vol (m ³)	333.7	Actual Vol (m ³)
351.3	Actual Vol (m ³)		

Compound	<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>	
Naphthalene	0.565	0.240		0.719	0.150		0.427	0.030	U
Acenaphthylene	0.094	0.050	U	0.150	0.020	U	0.057	ND	
Acenaphthalene	0.502	0.330		0.989	0.090		0.256	ND	
Fluorene	1.506	0.670		2.008	0.250		0.712	ND	
Fluoranthrene	1.882	1.120		3.356	0.650		1.850	ND	
Pyrene	1.066	0.570		1.708	0.310		0.882	ND	
Phenthrene	11.857	7.700		23.075	5.300		15.087	0.020	U
Anthracene	0.627	0.240		0.719	0.340		0.968	ND	
Benz(a)anthracene	0.094	0.080	U	0.240	0.020	U	0.057	ND	
Chrysene	0.282	0.210		0.629	0.060		0.171	ND	
Benzo(b)fluoranthene	0.188	0.160		0.479	0.030	U	0.085	ND	
Benzo(k)fluoranthene	0.157	0.130		0.390	0.020	U	0.057	ND	
Benzo(e)pyrene	ND	ND		ND	ND		ND	ND	
Benzo(a)pyrene	0.125	0.080	U	0.240	0.020	U	0.057	ND	
Perylene	ND	0.010	U	0.030	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	0.251	0.130		0.390	0.040	U	0.114	ND	
Dibenz(a,h)anthracene	0.063	0.030	U	0.090	0.010	U	0.028	ND	
Benzo(g,h,i)perylene	0.376	0.150		0.450	0.050	U	0.142	ND	
Coronene	0.094	0.040	U	0.120	0.010	U	0.028	ND	

318.8	Actual Vol (m ³)	333.7	Actual Vol (m ³)
351.3	Actual Vol (m ³)		

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 34619	ITCMI 34766	ITCMI 34989
File ID	O3H-006	O3I\$010	OI3\$011
Date Sampled	07/26/03	08/01/03	08/07/03
Date Analyzed	08/27/03	10/01/03	10/01/03

Actual Vol (m ³)	333.5	Actual Vol (m ³)	320.30	Actual Vol (m ³)
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Compound	Final pg/m3	Final Conc (ng)	Final pg/m3	Final Conc (ng)	Final pg/m3	Final Conc (ng)
Naphthalene	0.130		0.390	0.330	1.030	0.060
Acenaphthylene	0.040	U	0.120	0.020	0.062	0.020
Acenaphthalene	0.120		0.360	0.070	0.219	0.070
Fluorene	0.340		1.019	0.140	0.437	0.250
Fluoranthrene	0.730		2.189	0.440	1.374	0.420
Pyrene	0.370		1.109	0.250	0.781	0.250
Phenthrene	3.690		11.064	1.770	5.526	1.770
Anthracene	0.240		0.720	0.270	0.843	0.260
Benz(a)anthracene	0.060	U	0.180	0.010	0.031	0.020
Chrysene	0.140		0.420	0.060	0.187	0.050
Benzo(b)fluoranthene	0.110	U	0.330	0.040	0.125	0.030
Benzo(k)fluoranthene	0.070		0.210	0.020	0.062	0.020
Benzo(e)pyrene	ND		ND	0.030	0.094	0.030
Benzo(a)pyrene	0.060	U	0.180	0.020	0.062	0.010
Perylene	ND		ND	0.020	0.062	ND
Indeno(1,2,3-cd)pyrene	0.080	U	0.240	0.040	0.125	0.030
Dibenz(a,h)anthracene	0.020	U	0.060	ND	ND	ND
Benzo(g,h,i)perylene	0.080		0.240	0.040	0.125	0.040
Coronene	0.020	U	0.060	ND	ND	ND

Actual Vol (m ³)	333.5	Actual Vol (m ³)	320.30	Actual Vol (m ³)
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U = Under Detection Limit
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Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 34990 FB	ITCMI 34991	ITCMI 35251
File ID	O3I\$012	O3I\$013	O3I\$014
Date Sampled	08/13/03	08/13/03	08/19/03
Date Analyzed	10/01/03	10/01/03	10/01/03

324.1	Actual Vol (m ³)	300.8	Actual Vol (m ³)
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Compound	<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>	
Naphthalene	0.185	0.150		7.290	24.235		1.020		
Acenaphthylene	0.062	ND		0.130	0.432		0.060		U
Acenaphthalene	0.216	ND		0.330	1.097		2.130		
Fluorene	0.771	ND		0.720	2.394		4.470		
Fluoranthrene	1.296	ND		0.950	3.158		9.990		
Pyrene	0.771	ND		0.600	1.995		5.030		
Phenthrene	5.461	0.010	U	4.210	13.996		78.890		E
Anthracene	0.802	0.010	U	0.640	2.128		12.430		E
Benz(a)anthracene	0.062	ND		0.080	U	0.266	0.110		
Chrysene	0.154	ND		0.150		0.499	0.240		
Benzo(b)fluoranthene	0.093	ND		0.120	U	0.399	0.160		
Benzo(k)fluoranthene	0.062	ND		0.090		0.299	0.110		
Benzo(e)pyrene	0.093	ND		0.100		0.332	0.120		
Benzo(a)pyrene	0.031	ND		0.040	U	0.133	0.080		U
Perylene	ND	ND		ND		ND	0.010		U
Indeno(1,2,3-cd)pyrene	0.093	ND		0.120		0.399	0.180		
Dibenz(a,h)anthracene	ND	ND		0.030	U	0.100	0.050		U
Benzo(g,h,i)perylene	0.123	ND		0.150		0.499	0.190		
Coronene	ND	ND		0.030	U	0.100	0.040		U

324.1	Actual Vol (m ³)	300.8	Actual Vol (m ³)
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 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 35253	ITCMI 35383 FB	ITCMI 35384
File ID	O3I\$015	O3I\$019	O3I\$020
Date Sampled	08/25/03	08/31/03	08/31/03
Date Analyzed	10/01/03	10/01/03	10/01/03

305.7	Actual Vol (m ³)	329.6	Actual Vol (m ³)	Actual Vol (m ³)
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Compound	Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)	
Naphthalene	3.337	0.86		2.609	0.04			0.860	
Acenaphthylene	0.196	0.05	U	0.152	ND			0.050	U
Acenaphthalene	6.968	1.34		4.066	ND			1.610	
Fluorene	14.622	4.48		13.592	ND			2.690	
Fluoranthrene	32.679	5.9		17.900	ND			1.170	
Pyrene	16.454	3.11		9.436	ND			1.110	
Phenthrene	258.063	57.4	E	174.150	0.01	U		13.600	E
Anthracene	40.661	8.09		24.545	0.01	U		1.950	
Benz(a)anthracene	0.360	0.1		0.303	ND			0.060	U
Chrysene	0.785	0.21		0.637	ND			0.140	
Benzo(b)fluoranthene	0.523	0.14	U	0.425	ND			0.120	U
Benzo(k)fluoranthene	0.360	0.1		0.303	ND			0.080	
Benzo(e)pyrene	0.393	0.11		0.334	ND			0.090	U
Benzo(a)pyrene	0.262	0.09	U	0.273	ND			0.050	U
Perylene	0.033	ND		ND	ND			ND	
Indeno(1,2,3-cd)pyrene	0.589	0.18		0.546	ND			0.150	
Dibenz(a,h)anthracene	0.164	0.04	U	0.121	ND			0.020	U
Benzo(g,h,i)perylene	0.622	0.19		0.576	ND			0.140	
Coronene	0.131	0.04	U	0.121	ND			0.020	U

305.7	Actual Vol (m ³)	329.6	Actual Vol (m ³)	Actual Vol (m ³)
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U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 35565	ITCMI 35677	ITCMI 35909
File ID	O3I\$022	O3I\$064	O3I\$0656
Date Sampled	09/06/03	09/12/03	09/18/03
Date Analyzed	10/01/03	10/03/03	10/03/03

333.5	Actual Vol (m ³)	322.10	Actual Vol (m ³)
322.5	Actual Vol (m ³)		Actual Vol (m ³)

Compound	<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>	
Naphthalene	2.579	7.950		24.682	0.120		0.372	0.220	
Acenaphthylene	0.150	1.180		3.663	0.010	U	0.031	0.010	U
Acenaphthalene	4.828	0.750		2.328	0.130		0.403	0.270	
Fluorene	8.066	2.050		6.364	0.320		0.992	0.540	
Fluoranthrene	3.508	2.280		7.079	0.730		2.264	1.120	
Pyrene	3.328	1.150		3.570	0.350		1.085	0.500	
Phenthrene	40.780	10.620	E	32.971	3.350		10.388	7.000	E
Anthracene	5.847	1.660		5.154	0.130		0.403	0.340	
Benz(a)anthracene	0.180	0.110		0.342	0.020	U	0.062	0.020	U
Chrysene	0.420	0.250		0.776	0.080		0.248	0.090	
Benzo(b)fluoranthene	0.360	0.240		0.745	0.060	U	0.186	0.070	U
Benzo(k)fluoranthene	0.240	0.170		0.528	0.040	U	0.124	0.040	U
Benzo(e)pyrene	0.270	0.180		0.559	0.100		0.310	0.110	
Benzo(a)pyrene	0.150	0.110	U	0.342	0.010	U	0.031	0.030	U
Perylene	ND	0.020	U	0.062	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	0.450	0.280		0.869	0.060	U	0.186	0.070	U
Dibenz(a,h)anthracene	0.060	0.060	U	0.186	0.010	U	0.031	0.020	U
Benzo(g,h,i)perylene	0.420	0.260		0.807	0.070	U	0.217	0.090	
Coronene	0.060	0.040	U	0.124	0.040	U	0.124	0.080	U

333.5	Actual Vol (m ³)	322.10	Actual Vol (m ³)
322.5	Actual Vol (m ³)		Actual Vol (m ³)

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 35910	ITCMI 35911	ITCMI 36022
File ID	O3I\$066	O3I\$067	O3J~007
Date Sampled	09/21/03	09/24/03	09/30/03
Date Analyzed	10/03/03	10/04/03	10/27/03

313.4	Actual Vol (m ³)	303.7	Actual Vol (m ³)
329.8	Actual Vol (m ³)		

Compound	Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)	
Naphthalene	0.702	0.140		0.461	0.160		0.485	0.240	
Acenaphthylene	0.032	0.010	U	0.033	0.020	U	0.061	0.170	
Acenaphthalene	0.862	0.250		0.823	0.070		0.212	0.130	
Fluorene	1.723	0.400		1.317	0.350		1.061	0.390	
Fluoranthrene	3.574	0.430		1.416	0.200		0.606	0.200	
Pyrene	1.595	0.190		0.626	0.110		0.334	0.130	
Phenthrene	22.336	3.370		11.096	1.920		5.822	1.470	
Anthracene	1.085	0.180		0.593	2.680		8.126	0.090	
Benz(a)anthracene	0.064	0.010	U	0.033	ND		ND	0.010	U
Chrysene	0.287	0.030	U	0.099	0.010	U	0.030	0.030	U
Benzo(b)fluoranthene	0.223	0.020	U	0.066	0.010	U	0.030	0.020	U
Benzo(k)fluoranthene	0.128	0.020	U	0.066	0.010	U	0.030	0.010	U
Benzo(e)pyrene	0.351	0.030	U	0.099	0.010	U	0.030	0.040	U
Benzo(a)pyrene	0.096	ND		ND	ND		ND	0.010	U
Perylene	ND	ND		ND	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	0.223	0.020	U	0.066	0.010	U	0.030	0.030	U
Dibenz(a,h)anthracene	0.064	0.010	U	0.033	ND		ND	0.010	U
Benzo(g,h,i)perylene	0.287	0.030	U	0.099	0.020	U	0.061	0.020	U
Coronene	0.255	ND		ND	ND		ND	0.050	U

313.4	Actual Vol (m ³)	303.7	Actual Vol (m ³)
329.8	Actual Vol (m ³)		

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 36110 FB	ITCMI 36111	ITCMI 36202
File ID	O3J~008.D	O3J~009.D	O3J~012.D
Date Sampled	10/06/03	10/06/03	10/12/03
Date Analyzed	10/27/03	10/27/03	10/27/03

342.9	Actual Vol (m ³)	340.1	Actual Vol (m ³)
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Compound	<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>		<u>Final pg/m3</u>	<u>Final Conc (ng)</u>	
Naphthalene	0.700	0.031	U	0.212			0.622	0.116	
Acenaphthylene	0.496	ND		0.023	U		0.068	0.012	U
Acenaphthalene	0.379	ND		0.152			0.447	0.039	
Fluorene	1.137	ND		0.275			0.808	0.062	
Fluoranthrene	0.583	ND		0.199			0.584	0.109	
Pyrene	0.379	ND		0.120			0.352	0.052	U
Phenthrene	4.287	ND		1.442			4.239	0.676	
Anthracene	0.262	ND		0.032	U		0.093	0.942	
Benz(a)anthracene	0.029	ND		0.013	U		0.038	0.005	U
Chrysene	0.087	ND		0.059			0.174	0.015	U
Benzo(b)fluoranthene	0.058	ND		0.050	U		0.146	0.015	U
Benzo(k)fluoranthene	0.029	ND		0.032	U		0.094	0.010	U
Benzo(e)pyrene	0.117	ND		0.075	U		0.221	0.022	U
Benzo(a)pyrene	0.029	ND		ND			ND	0.012	U
Perylene	ND	ND		ND			ND	ND	
Indeno(1,2,3-cd)pyrene	0.087	ND		0.091	U		0.267	0.012	U
Dibenz(a,h)anthracene	0.029	ND		0.029	U		0.085	ND	
Benzo(g,h,i)perylene	0.058	ND		0.119			0.351	0.010	U
Coronene	0.146	ND		0.140			0.411	ND	

342.9	Actual Vol (m ³)	340.1	Actual Vol (m ³)
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 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 36279	ITCMI 36424	ITCMI 36526
File ID	O3KG005.D	O3KG007.D	O3LJ006.D
Date Sampled	10/18/03	10/30/03	11/05/03
Date Analyzed	11/06/03	11/06/03	12/10/03

340.9	Actual Vol (m ³)	303.7	Actual Vol (m ³)
338.8	Actual Vol (m ³)		

Compound	Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)	
Naphthalene	0.339	0.501		1.651	0.364		1.075	0.731	
Acenaphthylene	0.035	0.344		1.134	0.108		0.320	0.190	
Acenaphthalene	0.114	0.246		0.808	0.136		0.403	0.308	
Fluorene	0.181	0.836		2.752	0.649		1.917	0.918	
Fluoranthrene	0.319	0.514		1.692	0.494		1.458	0.525	
Pyrene	0.152	0.319		1.050	0.312		0.922	0.386	
Phenthrene	1.982	3.049		10.039	2.570		7.586	1.877	
Anthracene	2.763	0.234		0.771	3.581		10.569	2.205	
Benz(a)anthracene	0.015	0.068	U	0.225	0.111		0.329	0.021	U
Chrysene	0.044	0.071		0.234	0.123		0.362	0.018	U
Benzo(b)fluoranthene	0.044	0.063	U	0.207	0.116	U	0.342	0.038	U
Benzo(k)fluoranthene	0.030	0.052	U	0.172	0.095		0.282	0.023	U
Benzo(e)pyrene	0.066	0.088	U	0.291	0.183		0.540	0.028	U
Benzo(a)pyrene	0.034	0.033	U	0.107	0.086	U	0.255	0.004	U
Perylene	ND	0.031	U	0.104	0.023	U	0.068	ND	
Indeno(1,2,3-cd)pyrene	0.035	0.048	U	0.157	0.110		0.326	ND	
Dibenz(a,h)anthracene	ND	0.010	U	0.032	0.023	U	0.067	ND	
Benzo(g,h,i)perylene	0.029	0.047	U	0.156	0.112		0.330	ND	
Coronene	ND	0.059	U	0.195	0.116		0.343	ND	

340.9	Actual Vol (m ³)	303.7	Actual Vol (m ³)
338.8	Actual Vol (m ³)		

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 36718	ITCMI 36773 FB	ITCMI 36774
File ID	O4AS007.D	O4AS008.D	O4AS009.D
Date Sampled	11/17/03	11/23/03	11/23/03
Date Analyzed	01/19/04	01/19/04	01/19/04

355.10	Actual Vol (m ³)	298.8	Actual Vol (m ³)	Actual Vol (m ³)
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Compound	Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)
Naphthalene	2.058	0.404		1.351	0.025	U		0.177
Acenaphthylene	0.535	0.055	U	0.185	ND			0.023
Acenaphthalene	0.867	0.226		0.757	ND			0.138
Fluorene	2.585	0.912		3.051	ND			0.604
Fluoranthrene	1.478	0.515		1.723	ND			0.767
Pyrene	1.086	0.302		1.012	ND			0.451
Phenthrene	5.287	3.419	E	11.443	0.005	U		2.774
Anthracene	6.211	4.017	E	13.444	ND			3.259
Benz(a)anthracene	0.058	0.014	U	0.047	ND			0.022
Chrysene	0.052	0.039	U	0.131	ND			0.057
Benzo(b)fluoranthene	0.108	0.026	U	0.086	ND			0.046
Benzo(k)fluoranthene	0.064	0.023	U	0.076	ND			0.034
Benzo(e)pyrene	0.079	0.019	U	0.065	ND			0.018
Benzo(a)pyrene	0.012	0.011	U	0.036	ND			0.013
Perylene	ND	ND		ND	ND			ND
Indeno(1,2,3-cd)pyrene	ND	0.031	U	0.102	ND			0.049
Dibenz(a,h)anthracene	ND	ND		ND	ND			0.030
Benzo(g,h,i)perylene	ND	0.030	U	0.100	ND			0.030
Coronene	ND	ND		ND	ND			0.011

355.10	Actual Vol (m ³)	298.8	Actual Vol (m ³)	Actual Vol (m ³)
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U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 36874	ITCMI 37017	ITCMI 37131 FB
File ID	O3LJ008.D	O4AS011.D	O4AP012.D
Date Sampled	11/29/03	12/05/03	12/11/03
Date Analyzed	12/10/03	01/19/04	01/19/04

356.5	Actual Vol (m ³)	323.9	Actual Vol (m ³)	354.70	Actual Vol (m ³)
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Compound	Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)		Final pg/m3	Final Conc (ng)	
Naphthalene	0.496	0.066		0.205	0.121		0.341	0.025	U
Acenaphthylene	0.065	0.011	U	0.034	0.064	U	0.179	ND	
Acenaphthalene	0.388	0.028	U	0.086	0.636		1.794	ND	
Fluorene	1.695	0.081		0.251	1.353		3.815	ND	
Fluoranthrene	2.150	0.095		0.295	0.526		1.484	ND	
Pyrene	1.266	0.061	U	0.189	0.352		0.991	ND	
Phenthrene	7.780	0.181		0.558	2.957		8.337	0.005	U
Anthracene	9.140	0.212		0.656	3.474	E	9.794	ND	
Benz(a)anthracene	0.062	0.005	U	0.016	0.016	U	0.045	ND	
Chrysene	0.161	0.016	U	0.049	0.063		0.178	ND	
Benzo(b)fluoranthene	0.130	0.008	U	0.025	0.048	U	0.137	ND	
Benzo(k)fluoranthene	0.096	0.008	U	0.025	0.037	U	0.104	ND	
Benzo(e)pyrene	0.050	0.006	U	0.019	0.036	U	0.103	ND	
Benzo(a)pyrene	0.038	ND		ND	0.025	U	0.072	ND	
Perylene	ND	ND		ND	ND		ND	ND	
Indeno(1,2,3-cd)pyrene	0.138	ND		ND	0.044	U	0.124	ND	
Dibenz(a,h)anthracene	0.085	ND		ND	ND		ND	ND	
Benzo(g,h,i)perylene	0.083	ND		ND	0.054	U	0.154	ND	
Coronene	0.031	ND		ND	0.039	U	0.111	ND	

356.5	Actual Vol (m ³)	323.9	Actual Vol (m ³)	354.70	Actual Vol (m ³)
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U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D.	ITCMI 37132	ITCMI 37156	ITCMI 37240
File ID	O4AS010.D	O4AP010.D	O4AU008.D
Date Sampled	12/11/03	12/17/03	12/23/03
Date Analyzed	01/19/04	01/18/04	01/22/04

Actual Vol (m ³)	317.5	Actual Vol (m ³)	348.2	Actual Vol (m ³)
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Compound	Final pg/m3	Final Conc (ng)	Final pg/m3	Final Conc (ng)	Final pg/m3	Final Conc (ng)
Naphthalene		6.669 E	21.004	21.946 E	63.026	1.373
Acenaphthylene		1.993	6.278	4.075 E	11.702	0.926
Acenaphthalene		0.448	1.411	1.090	3.129	0.990
Fluorene		1.740	5.480	3.906 E	11.219	2.607
Fluoranthrene		1.598	5.034	3.736 E	10.729	1.462
Pyrene		1.023	3.221	2.635	7.568	0.932
Phenthrene		3.236 E	10.191	9.915 E	28.475	6.256 E
Anthracene		0.524	1.651	11.648 E	33.453	7.349 E
Benz(a)anthracene		0.227	0.717	0.763	2.192	0.118
Chrysene		0.458	1.442	1.219	3.500	0.268
Benzo(b)fluoranthene		0.381	1.201	0.976	2.803	0.202
Benzo(k)fluoranthene		0.260	0.820	0.663	1.904	0.137
Benzo(e)pyrene		0.255	0.802	0.707	2.031	0.154
Benzo(a)pyrene		0.180	0.566	0.501	1.438	0.103 U
Perylene		0.031 U	0.096	0.087	0.251	ND
Indeno(1,2,3-cd)pyrene		0.209	0.659	0.662	1.900	0.188
Dibenz(a,h)anthracene		0.042 U	0.133	0.105	0.300	0.035 U
Benzo(g,h,i)perylene		0.180	0.567	0.609	1.748	0.192
Coronene		0.033 U	0.105	0.130	0.373	0.066 U

Actual Vol (m ³)	317.5	Actual Vol (m ³)	348.2	Actual Vol (m ³)
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U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value

Sault Ste Marie, MI (ITCMI) 2003 UATMP SVOC Final Data Report

Sample I.D. ITCMI 37312
 File ID VOID
 Date Sampled 12/29/03
 Date Analyzed

350.4 Actual Vol (m³)

Compound	<u>Final pg/m3</u>	<u>Final Conc (ng)</u>	<u>Final pg/m3</u>
Naphthalene	3.917		
Acenaphthylene	2.642		
Acenaphthalene	2.825		
Fluorene	7.440		
Fluoranthrene	4.173		
Pyrene	2.661		
Phenthrene	17.853		
Anthracene	20.974		
Benz(a)anthracene	0.337		
Chrysene	0.764		
Benzo(b)fluoranthene	0.577		
Benzo(k)fluoranthene	0.391		
Benzo(e)pyrene	0.438		
Benzo(a)pyrene	0.295		
Perylene	ND		
Indeno(1,2,3-cd)pyrene	0.536		
Dibenz(a,h)anthracene	0.099		
Benzo(g,h,i)perylene	0.549		
Coronene	0.188		

350.4 Actual Vol (m³)

U = Under Detection Limit
 ND = Not Detected
 E = Estimated Value