

WP		Volatiles		Summary - All Studies															
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Class Name	Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WP	6/6/2005	12/10/2007	Volatiles	36	19	1.18	1416	67	4.73%	1.0033	96.6%	22.5%	2.242	0.012	Significantly Different	1.684	1.078	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Volatiles	36	14	2.04	2763	92	3.33%	0.9052	98.7%	17.4%					0.0000	prob H0: V1=V2
Studies by Accreditation Period (12 months)																			
1PT	WP	6/18/2007	12/10/2007	Volatiles	33	17	NA	529	18	3.40%	0.8801	99.9%	24.3%	1.812	0.035	Significantly Different	2.804	1.132	Significantly Different
2PT	WP	6/18/2007	4/14/2008	Volatiles	35	14	NA	998	19	1.90%	0.7655	99.3%	14.5%					0.0000	prob H0: V1=V2
1PT	WP	6/12/2006	4/16/2007	Volatiles	35	17	NA	607	23	3.79%	0.9534	96.8%	18.5%	1.126	0.130	Same	0.858	1.126	Significantly Different
2PT	WP	6/12/2006	4/16/2007	Volatiles	36	13	NA	1001	50	5.00%	1.0344	99.1%	20.0%					0.9813	prob H0: V1=V2
1PT	WP	6/6/2005	12/5/2005	Volatiles	34	10	NA	280	26	9.29%	1.3445	89.8%	25.4%	4.247	0.000	Significantly Different	2.236	1.173	Significantly Different
2PT	WP	6/6/2005	3/13/2006	Volatiles	36	12	NA	764	23	3.01%	0.9183	97.3%	17.0%					0.0000	prob H0: V1=V2

WP Analyte Summary						
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	36	7	19.4%	36	12	33.3%
2PT	36	1	2.8%	36	6	16.7%
Same	36	28	77.8%	36	18	50.0%

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1PT	WP	7/5/2005	6/18/2007	Acetone	4315	16	1.18	37	4	10.81%	1.0765	78.5%	32.0%	1.644	0.050	Same	2.166	1.678	Significantly Different
2PT	WP	6/6/2005	12/10/2007	Acetone	4315	14	1.31	46	1	2.17%	0.6626	88.3%	21.7%					0.0072	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Benzene	4375	18	1.17	53	3	5.66%	0.9692	99.5%	12.6%	0.485	0.314	Same	0.924	1.431	Same
2PT	WP	6/6/2005	4/14/2008	Benzene	4375	14	3.70	148	6	4.05%	0.8925	98.5%	13.1%					0.6203	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Bromodichloromethane	4395	18	1.17	53	0	0.00%	0.7395	102.7%	10.7%	1.690	0.046	Significantly Different	0.478	1.478	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Bromodichloromethane	4395	14	2.40	96	5	5.21%	0.8669	105.7%	15.5%					0.9979	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Bromoform	4400	18	1.19	54	1	1.85%	1.0057	100.7%	15.4%	1.007	0.157	Same	0.745	1.475	Same
2PT	WP	6/6/2005	4/14/2008	Bromoform	4400	14	2.40	96	5	5.21%	1.0057	101.2%	17.8%					0.8782	prob H0: V1=V2
1PT	WP	12/5/2005	6/18/2007	2-Butanone (MEK)	4410	13	1.00	20	3	15.00%	1.2372	76.0%	33.4%	2.291	0.011	Significantly Different	2.688	1.922	Significantly Different
2PT	WP	6/6/2005	4/14/2008	2-Butanone (MEK)	4410	13	0.89	33	0	0.00%	0.6267	95.3%	20.4%					0.0066	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Carbon tetrachloride	4455	18	1.17	53	1	1.89%	0.8379	93.2%	15.3%	0.987	0.162	Same	0.592	1.478	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Carbon tetrachloride	4455	14	2.40	96	5	5.21%	1.0283	93.2%	19.8%					0.9802	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Chlorobenzene	4475	18	1.15	52	1	1.92%	0.8796	95.7%	10.8%	0.451	0.326	Same	0.996	1.479	Same
2PT	WP	6/6/2005	4/14/2008	Chlorobenzene	4475	14	2.42	97	1	1.03%	0.8319	97.4%	10.8%					0.4960	prob H0: V1=V2
1PT	WP	7/5/2005	12/11/2006	Chloroethane	4485	8	0.70	8	0	0.00%	0.8910	102.1%	22.5%	0.764	0.223	Same	0.647	2.359	Same
2PT	WP	7/5/2005	4/14/2008	Chloroethane	4485	12	0.87	29	2	6.90%	1.0599	114.4%	27.9%					0.7134	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Chloroform	4505	18	1.17	53	1	1.89%	0.7866	99.7%	10.4%	0.082	0.467	Same	0.581	1.478	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Chloroform	4505	14	2.40	96	2	2.08%	0.8887	101.2%	13.6%					0.9833	prob H0: V1=V2
1PT	WP	6/12/2006	6/12/2006	1,2-Dibromo-3-chloropropane (DBCP)	4570	10	1.00	11	1	9.09%	1.0777	98.9%	33.1%	0.674	0.250	Same	2.492	2.220	Same
2PT	WP	8/8/2005	12/10/2007	1,2-Dibromo-3-chloropropane (DBCP)	4570	12	0.96	27	1	3.70%	0.8536	94.3%	21.0%					0.0300	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Chlorodibromomethane	4575	18	1.17	53	2	3.77%	1.0808	96.0%	21.3%	0.396	0.346	Same	2.203	1.478	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Chlorodibromomethane	4575	14	2.40	96	5	5.21%	0.7917	100.7%	14.4%					0.0004	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	1,2-Dichlorobenzene	4610	18	1.19	54	2	3.70%	1.1402	92.3%	13.3%	1.128	0.130	Same	1.352	1.473	Same
2PT	WP	6/6/2005	4/14/2008	1,2-Dichlorobenzene	4610	14	2.42	97	1	1.03%	0.8534	94.2%	11.5%					0.0998	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	1,3-Dichlorobenzene	4615	18	1.17	53	5	9.43%	1.2774	89.9%	16.2%	2.046	0.020	Significantly Different	1.615	1.476	Significantly Different
2PT	WP	6/6/2005	4/14/2008	1,3-Dichlorobenzene	4615	14	2.42	97	2	2.06%	0.9509	91.5%	12.7%					0.0215	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	1,4-Dichlorobenzene	4620	18	1.19	54	4	7.41%	1.2236	94.6%	25.7%	1.209	0.113	Same	3.907	1.473	Significantly Different
2PT	WP	6/6/2005	4/14/2008	1,4-Dichlorobenzene	4620	14	2.42	97	3	3.09%	0.9630	93.3%	13.0%					0.0000	prob H0: V1=V2
1PT	WP	6/6/2005	10/12/2007	1,1-Dichloroethane	4630	17	0.70	28	1	3.57%	1.0887	99.4%	15.4%	0.544	0.293	Same	0.431	1.735	Significantly Different
2PT	WP	6/6/2005	4/14/2008	1,1-Dichloroethane	4630	13	1.24	46	3	6.52%	1.0326	98.1%	23.4%					0.9890	prob H0: V1=V2

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1PT	WP	6/6/2005	12/10/2007	1,2-Dichloroethane	4635	18	1.19	54	1	1.85%	0.7608	102.6%	11.0%	1.226	0.110	Same	0.533	1.475	Significantly Different
2PT	WP	6/6/2005	4/14/2008	1,2-Dichloroethane	4635	14	2.40	96	6	6.25%	1.0115	106.2%	15.0%					0.9932	prob H0: V1=V2
1PT	WP	7/5/2005	10/12/2007	1,1-Dichloroethylene	4640	18	1.15	47	1	2.13%	0.8763	105.8%	23.9%	0.419	0.338	Same	1.114	1.586	Same
2PT	WP	7/5/2005	4/14/2008	1,1-Dichloroethylene	4640	13	1.58	57	2	3.51%	1.1536	106.6%	22.6%					0.3479	prob H0: V1=V2
1PT	WP	7/5/2005	10/12/2007	cis-1,2-Dichloroethylene	4645	5	0.97	11	1	9.09%	1.0936	92.0%	16.0%	0.689	0.245	Same	0.793	2.035	Same
2PT	WP	7/5/2005	1/14/2008	cis-1,2-Dichloroethylene	4645	13	1.49	49	2	4.08%	1.0760	101.4%	17.9%					0.6356	prob H0: V1=V2
1PT	WP	7/5/2005	12/10/2007	1,2-Dichloropropane	4655	18	1.05	46	0	0.00%	0.8872	102.8%	11.2%	1.402	0.080	Same	0.624	1.544	Same
2PT	WP	7/5/2005	4/14/2008	1,2-Dichloropropane	4655	14	1.85	72	3	4.17%	1.0061	105.8%	14.2%					0.9538	prob H0: V1=V2
1PT	WP	6/6/2005	10/12/2007	trans-1,2-Dichloroethylene	4700	8	0.80	15	0	0.00%	0.6878	102.3%	16.0%	0.787	0.216	Same	0.544	1.899	Same
2PT	WP	6/6/2005	2/11/2008	trans-1,2-Dichloroethylene	4700	13	1.43	50	2	4.00%	0.9753	101.2%	21.7%					0.8940	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Ethylbenzene	4765	18	1.15	52	4	7.69%	1.3438	94.4%	28.2%	1.912	0.028	Significantly Different	5.156	1.434	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Ethylbenzene	4765	14	3.70	148	3	2.03%	0.9907	97.1%	12.4%					0.0000	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Methylene chloride	4975	18	1.17	53	1	1.89%	0.7286	98.5%	14.1%	0.987	0.162	Same	0.433	1.478	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Methylene chloride	4975	14	2.40	96	5	5.21%	0.9837	100.7%	21.5%					0.9994	prob H0: V1=V2
1PT	WP	7/5/2005	6/18/2007	4-Methyl-2-pentanone (MIBK)	4995	15	0.75	22	1	4.55%	0.9291	85.7%	22.1%	0.372	0.355	Same	0.873	1.741	Same
2PT	WP	6/6/2005	4/14/2008	4-Methyl-2-pentanone (MIBK)	4995	14	1.47	59	4	6.78%	0.8655	103.6%	23.6%					0.6227	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	tert-Butyl methyl ether (MTBE)	5000	15	0.72	27	3	11.11%	1.2991	108.1%	36.2%	1.733	0.042	Significantly Different	4.377	1.610	Significantly Different
2PT	WP	6/6/2005	4/14/2008	tert-Butyl methyl ether (MTBE)	5000	14	2.45	98	3	3.06%	0.7073	102.9%	17.3%					0.0000	prob H0: V1=V2
1PT	WP	7/5/2005	12/10/2007	Styrene	5100	16	1.10	43	3	6.98%	1.0550	96.0%	21.4%	2.208	0.014	Significantly Different	4.591	1.565	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Styrene	5100	14	1.70	68	0	0.00%	0.6614	100.7%	10.0%					0.0000	prob H0: V1=V2
1PT	WP	4/16/2007	6/18/2007	1,1,1,2-Tetrachloroethane	5105	12	7.24	15	2	13.33%	1.1138	99.3%	28.8%	0.481	0.315	Same	2.508	2.637	Same
2PT	WP	6/6/2005	4/14/2008	1,1,1,2-Tetrachloroethane	5105	8	0.57	13	1	7.69%	0.8103	95.3%	18.2%					0.0591	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	1,1,2,2-Tetrachloroethane	5110	19	1.17	56	4	7.14%	0.9914	110.3%	43.6%	1.159	0.123	Same	2.709	1.514	Significantly Different
2PT	WP	6/6/2005	4/14/2008	1,1,2,2-Tetrachloroethane	5110	14	1.80	72	2	2.78%	0.6515	104.7%	26.5%					0.0000	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Tetrachloroethylene	5115	18	1.19	54	4	7.41%	1.2309	84.9%	19.2%	2.099	0.018	Significantly Different	1.684	1.473	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Tetrachloroethylene	5115	14	2.42	97	1	1.03%	0.9739	87.7%	14.8%					0.0135	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Toluene	5140	18	1.17	53	3	5.66%	0.9230	95.8%	12.4%	1.728	0.042	Significantly Different	1.069	1.431	Same
2PT	WP	6/6/2005	4/14/2008	Toluene	5140	14	3.70	148	2	1.35%	0.8863	98.0%	12.0%					0.3711	prob H0: V1=V2
1PT	WP	7/5/2005	10/12/2007	1,2,4-Trichlorobenzene	5155	11	0.64	16	2	12.50%	1.4930	82.5%	28.1%	0.211	0.417	Same	1.302	1.946	Same
2PT	WP	6/6/2005	2/11/2008	1,2,4-Trichlorobenzene	5155	13	1.09	38	4	10.53%	1.1950	83.2%	24.6%					0.2495	prob H0: V1=V2

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1PT	WP	6/6/2005	12/10/2007	1,1,1-Trichloroethane	5160	19	1.17	56	1	1.79%	0.9351	93.2%	13.3%	0.127	0.449	Same	0.718	1.469	Same
2PT	WP	6/6/2005	4/14/2008	1,1,1-Trichloroethane	5160	14	2.40	96	2	2.08%	0.9662	98.3%	15.7%					0.9085	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	1,1,2-Trichloroethane	5165	18	0.60	27	0	0.00%	0.7919	100.9%	10.5%	1.285	0.099	Same	0.523	1.718	Same
2PT	WP	6/6/2005	4/14/2008	1,1,2-Trichloroethane	5165	14	1.27	51	3	5.88%	0.9385	104.2%	14.5%					0.9616	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Trichloroethylene	5170	19	1.15	55	3	5.45%	0.9410	102.2%	34.5%	1.127	0.130	Same	6.818	1.471	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Trichloroethylene	5170	14	2.42	97	2	2.06%	0.8193	96.4%	13.2%					0.0000	prob H0: V1=V2
1PT	WP	7/5/2005	4/16/2007	Trichlorofluoromethane	5175	7	0.64	8	0	0.00%	1.3393	79.3%	24.7%	#DIV/0!	#DIV/0!	#DIV/0!	1.824	2.544	Same
2PT	WP	7/5/2005	4/16/2007	Trichlorofluoromethane	5175	10	1.12	20	0	0.00%	0.7369	91.4%	18.3%					0.1407	prob H0: V1=V2
1PT	WP	6/6/2005	12/10/2007	Vinyl chloride	5235	16	0.52	21	2	9.52%	1.1432	105.5%	31.7%	0.826	0.204	Same	1.304	1.990	Same
2PT	WP	6/6/2005	12/10/2007	Vinyl chloride	5235	13	0.83	27	1	3.70%	1.0802	99.9%	27.7%					0.2593	prob H0: V1=V2
1PT	WP	6/6/2005	10/12/2007	Xylenes, total	5260	18	1.16	49	2	4.08%	1.0369	90.7%	19.1%	0.881	0.189	Same	1.876	1.470	Significantly Different
2PT	WP	6/6/2005	2/11/2008	Xylenes, total	5260	13	3.27	114	2	1.75%	0.8056	98.8%	13.9%					0.0035	prob H0: V1=V2

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Data Not used in Comparison																			
1PT														#DIV/0!	#DIV/0!	#DIV/0!	0.000	#NUM!	#NUM!
2PT	WP	1/15/2007	2/11/2008	Carbon disulfide	4450	5	1.86	10	0	0.00%	0.6059	114.1%	8.0%					#NUM!	prob H0: V1=V2
1PT	WP	8/8/2005	8/8/2005	1,2-Dibromoethane (EDB)	4585	1		1	0	0.00%	0.1475	101.3%		0.242	0.404	Same	0.000	#NUM!	#NUM!
2PT	WP	8/8/2005	12/10/2007	1,2-Dibromoethane (EDB)	4585	10	0.77	18	1	5.56%	1.1837	103.0%	16.6%					#NUM!	prob H0: V1=V2
1PT	WP	12/5/2005	4/16/2007	Dibromomethane	4595	2	1.10	3	1	33.33%	2.0914	66.3%	48.8%	1.111	0.133	Same	6.515	3.354	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Dibromomethane	4595	13	0.75	28	3	10.71%	1.0892	100.6%	19.1%					0.0049	prob H0: V1=V2
1PT	WP	6/6/2005	10/12/2007	cis-1,3-Dichloropropylene	4680	3	0.71	5	0	0.00%	1.2420	87.6%	12.5%	#DIV/0!	#DIV/0!	#DIV/0!	1.414	2.965	Same
2PT	WP	6/6/2005	4/14/2008	cis-1,3-Dichloropropylene	4680	8	0.79	18	0	0.00%	0.8639	97.8%	10.5%					0.2716	prob H0: V1=V2
1PT	WP	6/6/2005	10/13/2006	trans-1,3-Dichloropropylene	4685	3	0.74	3	0	0.00%	0.7886	107.8%	2.3%	#DIV/0!	#DIV/0!	#DIV/0!	0.048	3.739	Same
2PT	WP	6/6/2005	4/14/2008	trans-1,3-Dichloropropylene	4685	8	0.66	15	0	0.00%	0.6532	98.7%	10.6%					0.9533	prob H0: V1=V2
1PT	WP	7/5/2005	10/12/2007	Hexachlorobutadiene	4835	12	1.10	30	4	13.33%	1.7849	82.9%	32.7%	0.719	0.236	Same	1.215	1.663	Same
2PT	WP	6/6/2005	4/14/2008	Hexachlorobutadiene	4835	13	1.59	59	5	8.47%	1.3283	70.6%	29.7%					0.2601	prob H0: V1=V2
1PT	WP	8/8/2005	10/12/2007	2-Hexanone	4860	3	0.92	6	2	33.33%	2.1590	66.3%	40.6%	3.149	0.001	Significantly Different	6.171	2.572	Significantly Different
2PT	WP	8/8/2005	10/12/2007	2-Hexanone	4860	12	1.07	28	0	0.00%	1.0115	109.4%	16.3%					0.0006	prob H0: V1=V2
1PT	WP	6/6/2005	8/8/2005	Bromomethane	4950	2	5.79	2	0	0.00%	1.4924	70.2%	29.7%	0.406	0.342	Same	0.788	4.747	Same
2PT	WP	6/6/2005	8/13/2007	Bromomethane	4950	7	0.85	13	1	7.69%	1.3353	88.1%	33.4%					0.3920	prob H0: V1=V2
1PT	WP	10/7/2005	10/13/2006	Chloromethane	4960	1	1.97	2	1	50.00%	2.9167	132.8%	82.5%	1.517	0.065	Same	11.574	4.414	Significantly Different
2PT	WP	10/7/2005	4/14/2008	Chloromethane	4960	6	1.26	19	2	10.53%	1.3538	125.5%	24.2%					0.0032	prob H0: V1=V2
1PT	WP	10/7/2005	12/10/2007	Naphthalene	5005	3	1.23	8	2	25.00%	1.9727	83.5%	39.3%	3.456	0.000	Significantly Different	4.821	2.221	Significantly Different
2PT	WP	6/6/2005	4/14/2008	Naphthalene	5005	13	1.24	46	0	0.00%	0.9522	86.8%	17.9%					0.0004	prob H0: V1=V2
1PT	WP	7/5/2005	4/16/2007	1,2,3-Trichloropropane (TCP)	5180	3	0.75	4	1	25.00%	1.4682	71.6%	33.9%	0.998	0.159	Same	1.804	3.028	Same
2PT	WP	6/6/2005	12/10/2007	1,2,3-Trichloropropane (TCP)	5180	11	0.87	24	2	8.33%	0.8327	98.7%	25.2%					0.1745	prob H0: V1=V2

Soil		Volatiles		Summary - All Studies															
Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Class Name	Number of Analytes	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	SOIL	7/25/2005	4/21/2008	Volatiles	44	14	1.04	1130	53	4.69%	0.9281	93.5%	24.2%	6.285	0.000	Significantly Different	2.667	1.086	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Volatiles	44	13	1.78	2497	32	1.28%	0.7759	94.6%	14.8%					0.0000	prob H0: V1=V2
Studies by Accreditation Period (12 months)																			
1PT	SOIL	10/19/2007	4/21/2008	Volatiles	44	14	NA	472	25	5.30%	0.9697	91.5%	22.7%	5.731	0.000	Significantly Different	2.506	1.140	Significantly Different
2PT	SOIL	7/23/2007	4/21/2008	Volatiles	44	12	NA	907	5	0.55%	0.6647	95.6%	14.4%					0.0000	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/23/2007	Volatiles	38	14	NA	383	22	5.74%	0.9836	95.3%	28.1%	3.961	0.000	Significantly Different	3.570	1.154	Significantly Different
2PT	SOIL	7/24/2006	4/23/2007	Volatiles	40	13	NA	771	12	1.56%	0.8848	93.3%	14.9%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/24/2006	Volatiles	29	13	NA	275	6	2.18%	0.7793	94.6%	20.5%	0.366	0.357	Same	1.800	1.172	Significantly Different
2PT	SOIL	4/25/2005	4/24/2006	Volatiles	33	13	NA	819	15	1.83%	0.7965	94.7%	15.2%					0.0000	prob H0: V1=V2

Soil Analyte Summary					
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	44	15	34.1%	22	50.0%
2PT	44	0	0.0%	1	2.3%
Same	44	29	65.9%	21	47.7%

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	SOIL	7/25/2005	4/21/2008	Acetone	4315	13	1.12	40	3	7.50%	1.0428	76.2%	56.4%	1.889	0.029	Significantly Different	4.252	1.541	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Acetone	4315	13	2.21	86	1	1.16%	0.6633	87.0%	27.3%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Benzene	4375	14	1.12	43	0	0.00%	0.8103	95.8%	11.8%	#DIV/0!	#DIV/0!	#DIV/0!	0.838	1.518	Same
2PT	SOIL	4/25/2005	4/21/2008	Benzene	4375	13	2.37	92	0	0.00%	0.8279	94.4%	12.9%					0.7350	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	Bromobenzene	4385	10	0.93	14	0	0.00%	1.1802	97.1%	14.3%	#DIV/0!	#DIV/0!	#DIV/0!	1.993	2.175	Same
2PT	SOIL	10/20/2006	4/21/2008	Bromobenzene	4385	12	1.33	24	0	0.00%	0.9193	92.4%	10.1%					0.0717	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Bromodichloromethane	4395	14	1.12	43	3	6.98%	0.8863	99.5%	22.0%	2.450	0.007	Significantly Different	3.171	1.531	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Bromodichloromethane	4395	13	2.16	84	0	0.00%	0.8392	97.7%	12.4%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Bromoform	4400	14	1.09	42	2	4.76%	0.9305	97.8%	23.9%	1.776	0.038	Significantly Different	3.064	1.578	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Bromoform	4400	13	1.67	65	0	0.00%	0.7132	100.7%	13.7%					0.0000	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	2-Butanone (MEK)	4410	13	0.77	15	4	26.67%	1.3285	74.7%	36.8%	3.875	0.000	Significantly Different	4.336	1.887	Significantly Different
2PT	SOIL	7/25/2005	4/21/2008	2-Butanone (MEK)	4410	13	1.49	53	0	0.00%	0.6418	89.7%	17.7%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Carbon tetrachloride	4455	14	0.94	36	2	5.56%	0.8751	97.2%	20.3%	2.140	0.016	Significantly Different	2.462	1.570	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Carbon tetrachloride	4455	13	2.08	81	0	0.00%	0.7441	97.4%	12.9%					0.0005	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Chlorobenzene	4475	14	0.89	34	2	5.88%	0.9299	95.6%	20.5%	0.884	0.188	Same	3.274	1.585	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Chlorobenzene	4475	13	2.03	79	2	2.53%	0.8037	94.4%	11.3%					0.0000	prob H0: V1=V2
1PT	SOIL	10/19/2007	10/19/2007	Chloroethane	4485	9	1.00	9	0	0.00%	0.8459	101.9%	21.6%	#DIV/0!	#DIV/0!	#DIV/0!	2.763	2.948	Same
2PT	SOIL	1/22/2007	10/19/2007	Chloroethane	4485	12	1.35	12	0	0.00%	0.7522	92.5%	13.0%					0.0606	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Chloroform	4505	14	0.89	34	0	0.00%	0.7035	94.6%	10.6%	0.738	0.230	Same	0.736	1.623	Same
2PT	SOIL	4/25/2005	4/21/2008	Chloroform	4505	13	1.62	63	1	1.59%	0.8674	95.8%	12.3%					0.8297	prob H0: V1=V2
1PT	SOIL	10/19/2007	4/21/2008	1,2-Dibromo-3-chloropropane (DBCP)	4570	11	2.15	12	1	8.33%	1.3141	90.6%	28.9%	0.514	0.303	Same	2.126	2.236	Same
2PT	SOIL	7/23/2007	4/21/2008	1,2-Dibromo-3-chloropropane (DBCP)	4570	12	2.67	24	1	4.17%	0.8200	94.1%	19.9%					0.0614	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Chlorodibromomethane	4575	14	0.89	34	1	2.94%	0.8782	101.8%	17.3%	0.610	0.271	Same	2.260	1.587	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Chlorodibromomethane	4575	13	2.01	78	1	1.28%	0.7040	96.8%	11.5%					0.0018	prob H0: V1=V2
1PT	SOIL	10/19/2007	4/21/2008	1,2-Dibromoethane (EDB)	4585	11	2.15	12	3	25.00%	1.8634	85.1%	38.9%	1.769	0.038	Significantly Different	4.646	2.283	Significantly Different
2PT	SOIL	7/23/2007	4/21/2008	1,2-Dibromoethane (EDB)	4585	12	2.45	22	1	4.55%	0.9459	91.2%	18.0%					0.0012	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,2-Dichlorobenzene	4610	14	0.89	34	1	2.94%	0.7577	97.5%	15.5%	0.402	0.344	Same	0.942	1.618	Same
2PT	SOIL	4/25/2005	4/21/2008	1,2-Dichlorobenzene	4610	13	1.67	65	3	4.62%	0.8861	91.1%	15.9%					0.5647	prob H0: V1=V2
1PT	SOIL	10/24/2005	4/21/2008	1,3-Dichlorobenzene	4615	14	0.77	27	0	0.00%	0.5690	93.6%	9.2%	0.976	0.164	Same	0.503	1.691	Same
2PT	SOIL	4/25/2005	4/21/2008	1,3-Dichlorobenzene	4615	13	1.49	58	2	3.45%	0.7275	91.8%	12.9%					0.9712	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	SOIL	7/25/2005	4/21/2008	1,4-Dichlorobenzene	4620	14	1.12	43	0	0.00%	0.5325	92.9%	8.5%	1.404	0.080	Same	0.421	1.521	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	1,4-Dichlorobenzene	4620	13	2.31	90	4	4.44%	0.8808	89.3%	13.1%					0.9988	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,1-Dichloroethane	4630	12	0.61	20	1	5.00%	1.2674	100.0%	38.9%	0.381	0.352	Same	8.192	1.757	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	1,1-Dichloroethane	4630	13	1.62	63	2	3.17%	0.8814	97.8%	13.6%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,2-Dichloroethane	4635	14	0.89	34	1	2.94%	0.7319	93.0%	15.3%	1.390	0.082	Same	1.540	1.618	Same
2PT	SOIL	4/25/2005	4/21/2008	1,2-Dichloroethane	4635	13	1.67	65	0	0.00%	0.7304	96.9%	12.3%					0.0698	prob H0: V1=V2
1PT	SOIL	10/19/2007	4/21/2008	1,1-Dichloroethylene	4640	9	2.19	10	1	10.00%	1.2198	91.4%	32.3%	1.783	0.037	Significantly Different	4.128	2.211	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	1,1-Dichloroethylene	4640	13	0.80	31	0	0.00%	0.7707	106.3%	15.9%					0.0016	prob H0: V1=V2
1PT	SOIL	10/19/2007	4/21/2008	cis-1,2-Dichloroethylene	4645	13	2.28	15	3	20.00%	1.4069	96.3%	37.4%	2.454	0.007	Significantly Different	6.919	2.078	Significantly Different
2PT	SOIL	7/24/2006	4/21/2008	cis-1,2-Dichloroethylene	4645	12	1.34	28	0	0.00%	0.9244	97.8%	14.2%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,2-Dichloropropane	4655	5	0.80	11	0	0.00%	0.7167	94.1%	9.4%	0.800	0.212	Same	0.600	2.015	Same
2PT	SOIL	4/25/2005	4/21/2008	1,2-Dichloropropane	4655	13	1.39	54	3	5.56%	0.9722	94.0%	12.2%					0.8067	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	cis-1,3-Dichloropropylene	4680	13	0.77	15	2	13.33%	1.3058	91.9%	16.9%	2.143	0.016	Significantly Different	2.719	2.015	Significantly Different
2PT	SOIL	10/20/2006	4/21/2008	cis-1,3-Dichloropropylene	4680	12	1.83	33	0	0.00%	0.7723	94.3%	10.2%					0.0095	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	trans-1,3-Dichloropropylene	4685	13	0.77	15	1	6.67%	1.1452	97.5%	22.1%	1.499	0.067	Same	4.914	2.015	Significantly Different
2PT	SOIL	10/20/2006	4/21/2008	trans-1,3-Dichloropropylene	4685	12	1.83	33	0	0.00%	0.5971	98.0%	10.0%					0.0001	prob H0: V1=V2
1PT	SOIL	4/23/2007	4/21/2008	trans-1,2-Dichloroethylene	4700	9	1.23	11	1	9.09%	1.3670	87.5%	28.9%	1.926	0.027	Significantly Different	3.071	2.084	Significantly Different
2PT	SOIL	7/24/2006	4/21/2008	trans-1,2-Dichloroethylene	4700	13	1.76	40	0	0.00%	0.9563	99.1%	16.5%					0.0057	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Ethylbenzene	4765	14	1.12	43	1	2.33%	0.7363	98.2%	12.9%	0.555	0.289	Same	1.398	1.518	Same
2PT	SOIL	4/25/2005	4/21/2008	Ethylbenzene	4765	13	2.37	92	1	1.09%	0.7604	93.4%	10.9%					0.0934	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	2-Hexanone	4860	5	1.33	10	2	20.00%	1.7682	74.9%	37.8%	2.592	0.005	Significantly Different	5.433	2.199	Significantly Different
2PT	SOIL	7/25/2005	4/21/2008	2-Hexanone	4860	13	0.90	32	0	0.00%	0.6058	94.9%	16.2%					0.0002	prob H0: V1=V2
1PT	SOIL	10/24/2005	4/21/2008	Isopropylbenzene	4900	5	0.64	8	0	0.00%	1.0421	100.5%	12.5%	#DIV/0!	#DIV/0!	#DIV/0!	1.715	2.832	Same
2PT	SOIL	7/23/2007	4/21/2008	Isopropylbenzene	4900	10	1.87	14	0	0.00%	0.5831	104.8%	9.6%					0.1902	prob H0: V1=V2
1PT	SOIL	10/20/2006	10/19/2007	Bromomethane	4950	9	2.23	20	2	10.00%	1.1154	82.2%	37.2%	1.906	0.028	Significantly Different	2.363	1.902	Significantly Different
2PT	SOIL	10/20/2006	10/19/2007	Bromomethane	4950	12	2.92	35	0	0.00%	0.7341	90.9%	24.2%					0.0141	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Methylene chloride	4975	14	1.02	39	2	5.13%	1.0072	80.6%	15.6%	0.887	0.188	Same	1.003	1.538	Same
2PT	SOIL	4/25/2005	4/21/2008	Methylene chloride	4975	13	2.34	91	2	2.20%	0.6935	92.4%	15.6%					0.4807	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	4-Methyl-2-pentanone (MIBK)	4995	13	0.59	21	3	14.29%	1.4861	87.9%	33.5%	2.434	0.007	Significantly Different	4.308	1.734	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	4-Methyl-2-pentanone (MIBK)	4995	13	1.70	66	1	1.52%	0.8422	94.7%	16.1%					0.0000	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	SOIL	7/25/2005	4/21/2008	tert-Butyl methyl ether (MTBE)	5000	12	0.55	18	0	0.00%	0.9111	94.8%	17.0%	0.645	0.260	Same	0.982	1.866	Same
2PT	SOIL	7/25/2005	4/21/2008	tert-Butyl methyl ether (MTBE)	5000	13	1.23	44	1	2.27%	0.7713	102.9%	17.2%					0.4938	prob H0: V1=V2
1PT	SOIL	10/24/2005	4/21/2008	Naphthalene	5005	12	0.67	20	1	5.00%	1.1411	89.6%	18.9%	0.065	0.474	Same	0.950	1.883	Same
2PT	SOIL	7/25/2005	4/21/2008	Naphthalene	5005	12	1.12	37	2	5.41%	1.0555	87.7%	19.4%					0.5337	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Styrene	5100	13	0.53	19	0	0.00%	0.7515	97.4%	10.7%	#DIV/0!	#DIV/0!	#DIV/0!	1.012	1.855	Same
2PT	SOIL	7/25/2005	4/21/2008	Styrene	5100	12	1.31	43	0	0.00%	0.7248	98.2%	10.6%					0.4668	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,1,1,2-Tetrachloroethane	5105	14	0.57	22	4	18.18%	1.7276	111.3%	48.2%	2.924	0.002	Significantly Different	18.205	1.721	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	1,1,1,2-Tetrachloroethane	5105	13	1.70	66	1	1.52%	0.8078	95.9%	11.3%					0.0000	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,1,2,2-Tetrachloroethane	5110	14	0.83	32	2	6.25%	0.9021	96.0%	18.4%	2.242	0.012	Significantly Different	1.698	1.598	Same
2PT	SOIL	4/25/2005	4/21/2008	1,1,2,2-Tetrachloroethane	5110	13	2.03	79	0	0.00%	0.7312	95.9%	14.1%					0.0316	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Tetrachloroethylene	5115	14	1.15	44	1	2.27%	0.8047	90.4%	19.2%	1.345	0.089	Same	2.309	1.536	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Tetrachloroethylene	5115	13	2.03	79	0	0.00%	0.6080	92.4%	12.7%					0.0007	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Toluene	5140	14	1.12	43	0	0.00%	0.7518	91.1%	11.7%	0.974	0.165	Same	0.997	1.518	Same
2PT	SOIL	4/25/2005	4/21/2008	Toluene	5140	13	2.37	92	2	2.17%	0.8686	90.5%	11.7%					0.4914	prob H0: V1=V2
1PT	SOIL	10/24/2005	4/21/2008	1,2,4-Trichlorobenzene	5155	11	0.69	19	0	0.00%	0.7904	90.4%	16.3%	#DIV/0!	#DIV/0!	#DIV/0!	1.674	1.973	Same
2PT	SOIL	7/25/2005	4/21/2008	1,2,4-Trichlorobenzene	5155	11	0.99	30	0	0.00%	0.6403	89.4%	12.6%					0.1054	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	1,1,1-Trichloroethane	5160	14	0.94	36	1	2.78%	0.8781	98.1%	16.6%	1.497	0.067	Same	1.902	1.572	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	1,1,1-Trichloroethane	5160	13	2.06	80	0	0.00%	0.7468	97.9%	12.0%					0.0096	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	1,1,2-Trichloroethane	5165	13	0.77	15	0	0.00%	0.6879	97.3%	11.9%	#DIV/0!	#DIV/0!	#DIV/0!	1.269	1.887	Same
2PT	SOIL	4/25/2005	4/21/2008	1,1,2-Trichloroethane	5165	13	1.36	53	0	0.00%	0.7101	96.5%	10.5%					0.2580	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Trichloroethylene	5170	14	1.17	45	1	2.22%	0.8284	90.2%	17.6%	0.512	0.304	Same	1.950	1.512	Significantly Different
2PT	SOIL	4/25/2005	4/21/2008	Trichloroethylene	5170	13	2.34	91	1	1.10%	0.8130	96.2%	12.6%					0.0038	prob H0: V1=V2
1PT	SOIL	10/20/2006	4/21/2008	1,2,3-Trichloropropane (TCP)	5180	11	0.97	16	0	0.00%	0.6425	95.5%	14.6%	#DIV/0!	#DIV/0!	#DIV/0!	0.811	1.918	Same
2PT	SOIL	7/25/2005	4/21/2008	1,2,3-Trichloropropane (TCP)	5180	13	1.18	42	0	0.00%	0.6125	91.2%	16.2%					0.6595	prob H0: V1=V2
1PT	SOIL	10/20/2006	10/19/2007	Vinyl chloride	5235	13	1.08	14	1	7.14%	0.9641	105.3%	49.9%	1.087	0.138	Same	3.205	2.448	Significantly Different
2PT	SOIL	10/20/2006	1/21/2008	Vinyl chloride	5235	12	1.06	16	0	0.00%	0.8880	103.7%	27.9%					0.0170	prob H0: V1=V2
1PT	SOIL	7/25/2005	4/21/2008	Xylenes, total	5260	14	1.12	43	0	0.00%	0.7458	95.0%	11.0%	#DIV/0!	#DIV/0!	#DIV/0!	0.797	1.518	Same
2PT	SOIL	4/25/2005	4/21/2008	Xylenes, total	5260	13	2.37	92	0	0.00%	0.7073	93.6%	12.4%					0.7914	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
Data Not used in Comparison																			
1PT														#DIV/0!	#DIV/0!	#DIV/0!	0.000	#NUM!	#NUM!
2PT	SOIL	1/22/2007	1/22/2007	Carbon disulfide	4450	2	1.00	2	0	0.00%	2.0663	74.1%	4.6%					#NUM!	prob H0: V1=V2
1PT	SOIL	10/19/2007	10/19/2007	Dibromomethane	4595	4	1.00	4	0	0.00%	1.0555	91.5%	11.0%	#DIV/0!	#DIV/0!	#DIV/0!	1.403	6.591	Same
2PT	SOIL	1/23/2006	4/21/2008	Dibromomethane	4595	2	1.11	5	0	0.00%	1.0459	109.3%	9.3%					0.3645	prob H0: V1=V2
1PT	SOIL	10/24/2005	10/19/2007	Hexachlorobutadiene	4835	4	1.13	9	1	11.11%	1.0654	83.5%	30.0%	1.083	0.139	Same	10.649	3.230	Significantly Different
2PT	SOIL	7/25/2005	4/21/2008	Hexachlorobutadiene	4835	4	0.91	10	0	0.00%	0.6044	96.1%	9.2%					0.0009	prob H0: V1=V2
1PT	SOIL	10/24/2005	10/19/2007	Hexachloroethane	4840	4	0.88	7	3	42.86%	2.7006	55.2%	42.9%	0.828	0.204	Same	0.226	6.163	Same
2PT	SOIL	10/20/2006	1/21/2008	Hexachloroethane	4840	2	1.99	5	1	20.00%	1.9170	154.7%	90.2%					0.9473	prob H0: V1=V2
1PT														#DIV/0!	#DIV/0!	#DIV/0!	0.000	#NUM!	#NUM!
2PT	SOIL	1/22/2007	1/21/2008	Chloromethane	4960	2	2.51	5	0	0.00%	0.7267	78.3%	14.4%					#NUM!	prob H0: V1=V2
1PT	SOIL	10/24/2005	10/19/2007	Nitrobenzene	5015	4	1.01	8	4	50.00%	2.9421	41.2%	53.4%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#NUM!	#DIV/0!
2PT																		#DIV/0!	prob H0: V1=V2
1PT	SOIL	4/23/2007	4/23/2007	Trichlorofluoromethane	5175	1		1	0	0.00%	1.9963	63.5%		#DIV/0!	#DIV/0!	#DIV/0!	0.000	#NUM!	#NUM!
2PT	SOIL	4/23/2007	7/23/2007	Trichlorofluoromethane	5175	12	4.35	13	0	0.00%	0.7368	97.7%	18.5%					#NUM!	prob H0: V1=V2

WS Analyte Summary						
Lab Group	Number of Analytes	Failure Rate Number of analytes Significantly Different High	Failure Rate Percentage of Analytes Significantly Different High	Number of Analytes	Average Recovery Variance Number of analytes Significantly Different High	Average Recovery Variance Percentage Significantly Different High
1PT	55	5	9.1%	55	11	20.0%
2PT	55	0	0.0%	55	3	5.5%
Same	55	50	90.9%	55	41	74.5%

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WS	7/11/2005	1/7/2008	Benzene	4375	20	1.42	71	2	2.82%	0.4689	100.1%	10.2%	1.394	0.082	Same	1.780	1.494	Significantly Different
2PT	WS	5/16/2005	4/7/2008	Benzene	4375	12	1.96	68	0	0.00%	0.3855	100.6%	7.7%					0.0093	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Bromobenzene	4385	17	1.37	58	2	3.45%	0.4724	99.2%	11.0%	0.585	0.279	Same	1.013	1.552	Same
2PT	WS	5/16/2005	4/7/2008	Bromobenzene	4385	12	1.67	58	1	1.72%	0.3434	102.1%	11.0%					0.4810	prob H0: V1=V2
1PT	WS	11/14/2005	1/7/2008	Bromochloromethane	4390	18	0.62	24	0	0.00%	0.5837	98.1%	8.4%	0.781	0.217	Same	0.935	1.810	Same
2PT	WS	5/16/2005	4/7/2008	Bromochloromethane	4390	12	1.15	40	1	2.50%	0.5290	104.1%	8.7%					0.5588	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Bromodichloromethane	4395	19	1.54	73	4	5.48%	0.8046	105.2%	20.6%	1.286	0.099	Same	5.529	1.491	Significantly Different
2PT	WS	5/16/2005	4/7/2008	Bromodichloromethane	4395	12	1.96	68	1	1.47%	0.6180	104.1%	8.7%					0.0000	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Bromoform	4400	19	1.52	72	6	8.33%	0.7956	98.4%	10.7%	1.862	0.031	Significantly Different	0.940	1.492	Same
2PT	WS	5/16/2005	4/7/2008	Bromoform	4400	12	1.96	68	1	1.47%	0.7379	100.9%	11.1%					0.6020	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	n-Butylbenzene	4435	18	0.89	40	6	15.00%	0.7831	96.2%	13.8%	0.055	0.478	Same	0.922	1.653	Same
2PT	WS	5/16/2005	4/7/2008	n-Butylbenzene	4435	12	1.38	48	7	14.58%	0.7196	94.5%	14.4%					0.6006	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	sec-Butylbenzene	4440	17	1.42	60	6	10.00%	0.7337	95.3%	13.1%	1.580	0.057	Same	1.728	1.523	Significantly Different
2PT	WS	7/11/2005	4/7/2008	sec-Butylbenzene	4440	12	1.98	65	2	3.08%	0.5064	98.9%	10.0%					0.0165	prob H0: V1=V2
1PT	WS	7/11/2005	7/9/2007	tert-Butylbenzene	4445	18	1.31	47	9	19.15%	0.8526	96.7%	13.7%	1.508	0.066	Same	1.569	1.590	Same
2PT	WS	5/16/2005	4/7/2008	tert-Butylbenzene	4445	12	1.61	56	5	8.93%	0.6607	96.7%	10.9%					0.0550	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Carbon tetrachloride	4455	20	1.40	70	1	1.43%	0.5997	99.5%	11.2%	0.609	0.271	Same	0.954	1.496	Same
2PT	WS	5/16/2005	4/7/2008	Carbon tetrachloride	4455	12	1.96	68	2	2.94%	0.4806	99.7%	11.5%					0.5766	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Chlorobenzene	4475	20	1.42	71	2	2.82%	0.4536	99.8%	8.2%	1.394	0.082	Same	1.614	1.494	Same
2PT	WS	5/16/2005	4/7/2008	Chlorobenzene	4475	12	1.96	68	0	0.00%	0.3259	100.2%	6.4%					0.0250	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Chloroethane	4485	17	0.50	21	0	0.00%	0.5257	95.6%	13.5%	1.578	0.057	Same	0.413	1.990	Significantly Different
2PT	WS	5/16/2005	1/7/2008	Chloroethane	4485	12	0.85	27	3	11.11%	0.6190	110.6%	21.0%					0.9769	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Chloroform	4505	19	1.54	73	4	5.48%	0.7803	101.0%	19.9%	0.746	0.228	Same	1.491	1.491	Same
2PT	WS	5/16/2005	4/7/2008	Chloroform	4505	12	1.96	68	2	2.94%	0.6773	102.0%	16.3%					0.0499	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	2-Chlorotoluene	4535	18	0.89	40	2	5.00%	0.8601	95.8%	10.6%	1.381	0.084	Same	0.839	1.683	Same
2PT	WS	5/16/2005	4/7/2008	2-Chlorotoluene	4535	12	1.24	43	6	13.95%	0.6520	99.4%	11.5%					0.7094	prob H0: V1=V2
1PT	WS	9/5/2006	7/9/2007	4-Chlorotoluene	4540	17	1.40	20	1	5.00%	0.6305	98.1%	8.8%	0.319	0.375	Same	0.647	1.945	Same
2PT	WS	5/16/2005	4/7/2008	4-Chlorotoluene	4540	12	0.89	31	1	3.23%	0.5833	99.6%	11.0%					0.8384	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Chlorodibromomethane	4575	19	1.52	72	4	5.56%	0.7219	100.6%	16.4%	0.062	0.475	Same	1.753	1.489	Significantly Different
2PT	WS	5/16/2005	4/7/2008	Chlorodibromomethane	4575	12	1.99	69	4	5.80%	0.7942	100.2%	12.4%					0.0105	prob H0: V1=V2
1PT	WS	11/14/2005	1/7/2008	Dibromomethane	4595	18	1.55	60	2	3.33%	0.6206	98.5%	10.7%	0.331	0.370	Same	1.321	1.518	Same
2PT	WS	5/16/2005	1/7/2008	Dibromomethane	4595	12	2.11	67	3	4.48%	0.5594	102.2%	9.3%					0.1357	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WS	7/11/2005	1/7/2008	1,2-Dichlorobenzene	4610	20	1.40	70	0	0.00%	0.4546	98.0%	8.7%	1.018	0.154	Same	0.481	1.496	Significantly Different
2PT	WS	5/16/2005	4/7/2008	1,2-Dichlorobenzene	4610	12	1.96	68	1	1.47%	0.4086	96.7%	12.6%					0.9985	prob H0: V1=V2
1PT	WS	7/11/2005	1/8/2007	1,3-Dichlorobenzene	4615	18	1.56	42	3	7.14%	0.4053	99.0%	10.9%	1.805	0.036	Significantly Different	1.111	1.668	Same
2PT	WS	5/16/2005	4/7/2008	1,3-Dichlorobenzene	4615	12	1.27	44	0	0.00%	0.3961	103.1%	10.4%					0.3663	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,4-Dichlorobenzene	4620	20	1.42	71	2	2.82%	0.6079	96.3%	9.1%	0.488	0.313	Same	0.496	1.491	Significantly Different
2PT	WS	5/16/2005	4/7/2008	1,4-Dichlorobenzene	4620	12	1.99	69	3	4.35%	0.5444	93.6%	12.9%					0.9980	prob H0: V1=V2
1PT	WS	7/11/2005	1/8/2007	1,1-Dichloroethane	4630	19	1.51	43	2	4.65%	0.5365	101.3%	12.7%	0.288	0.387	Same	1.817	1.631	Significantly Different
2PT	WS	5/16/2005	4/7/2008	1,1-Dichloroethane	4630	12	1.44	50	3	6.00%	0.5293	101.9%	9.4%					0.0225	prob H0: V1=V2
1PT	WS	6/13/2005	1/7/2008	1,2-Dichloroethane	4635	20	1.38	71	0	0.00%	0.2921	101.7%	9.5%	1.026	0.153	Same	1.357	1.494	Same
2PT	WS	5/16/2005	4/7/2008	1,2-Dichloroethane	4635	12	1.96	68	1	1.47%	0.3015	102.8%	8.2%					0.1053	prob H0: V1=V2
1PT	WS	6/13/2005	1/7/2008	1,1-Dichloroethylene	4640	20	1.44	74	9	12.16%	0.6943	103.8%	14.9%	0.676	0.250	Same	1.279	1.486	Same
2PT	WS	5/16/2005	4/7/2008	1,1-Dichloroethylene	4640	12	1.99	69	6	8.70%	0.6281	106.0%	13.2%					0.1528	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	cis-1,2-Dichloroethylene	4645	20	1.46	73	3	4.11%	0.5584	99.2%	9.6%	0.089	0.465	Same	0.884	1.491	Same
2PT	WS	5/16/2005	4/7/2008	cis-1,2-Dichloroethylene	4645	12	1.96	68	3	4.41%	0.5202	100.7%	10.2%					0.6967	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,2-Dichloropropane	4655	20	1.44	72	3	4.17%	0.4605	100.5%	8.5%	1.702	0.044	Significantly Different	1.404	1.492	Same
2PT	WS	5/16/2005	4/7/2008	1,2-Dichloropropane	4655	12	1.96	68	0	0.00%	0.3737	100.8%	7.2%					0.0814	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,3-Dichloropropane	4660	18	1.31	59	0	0.00%	0.4512	99.1%	9.9%	1.358	0.087	Same	1.549	1.526	Same
2PT	WS	5/16/2005	4/7/2008	1,3-Dichloropropane	4660	12	1.87	65	2	3.08%	0.4023	99.6%	7.9%					0.0442	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	2,2-Dichloropropane	4665	18	1.47	66	14	21.21%	0.9002	97.8%	16.9%	2.826	0.002	Significantly Different	2.530	1.511	Significantly Different
2PT	WS	7/11/2005	4/7/2008	2,2-Dichloropropane	4665	12	1.98	65	3	4.62%	0.5434	98.4%	10.6%					0.0001	prob H0: V1=V2
1PT	WS	7/11/2005	1/8/2007	1,1-Dichloropropene	4670	17	1.57	40	3	7.50%	0.6833	97.4%	12.7%	0.623	0.267	Same	1.733	1.664	Same
2PT	WS	5/16/2005	4/7/2008	1,1-Dichloropropene	4670	12	1.32	46	2	4.35%	0.5526	97.2%	9.7%					0.0379	prob H0: V1=V2
1PT	WS	7/11/2005	1/8/2007	cis-1,3-Dichloropropene	4680	18	1.49	40	2	5.00%	0.5091	98.1%	12.9%	0.693	0.244	Same	1.286	1.670	Same
2PT	WS	7/11/2005	4/7/2008	cis-1,3-Dichloropropene	4680	12	1.37	45	1	2.22%	0.4345	96.7%	11.4%					0.2089	prob H0: V1=V2
1PT	WS	11/14/2005	1/8/2007	trans-1,3-Dichloropropene	4685	18	1.93	40	1	2.50%	0.4686	98.1%	11.6%	1.055	0.146	Same	1.567	1.676	Same
2PT	WS	8/15/2005	4/7/2008	trans-1,3-Dichloropropene	4685	12	1.39	44	0	0.00%	0.4090	97.1%	9.3%					0.0761	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	trans-1,2-Dichloroethylene	4700	20	1.40	70	3	4.29%	0.4738	99.7%	9.2%	0.771	0.220	Same	0.709	1.496	Same
2PT	WS	5/16/2005	4/7/2008	trans-1,2-Dichloroethylene	4700	12	1.96	68	5	7.35%	0.5807	100.7%	10.9%					0.9209	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Ethylbenzene	4765	20	1.42	71	2	2.82%	0.4391	101.8%	10.1%	1.394	0.082	Same	1.380	1.494	Same
2PT	WS	5/16/2005	4/7/2008	Ethylbenzene	4765	12	1.96	68	0	0.00%	0.3689	98.4%	8.6%					0.0931	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	Z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WS	7/11/2005	1/7/2008	Hexachlorobutadiene	4835	17	1.04	44	2	4.55%	0.5327	96.9%	12.5%	1.301	0.097	Same	0.661	1.589	Same
2PT	WS	5/16/2005	1/7/2008	Hexachlorobutadiene	4835	12	1.86	59	7	11.86%	0.6093	96.8%	15.4%					0.9214	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Isopropylbenzene	4900	17	1.37	58	7	12.07%	0.7405	100.8%	14.3%	0.158	0.437	Same	1.434	1.568	Same
2PT	WS	7/11/2005	4/7/2008	Isopropylbenzene	4900	12	1.64	54	6	11.11%	0.6723	102.4%	11.9%					0.0935	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	4-Isopropyltoluene	4910	17	1.01	43	6	13.95%	0.6237	99.7%	12.2%	1.115	0.133	Same	1.043	1.604	Same
2PT	WS	7/11/2005	1/7/2008	4-Isopropyltoluene	4910	12	1.87	56	4	7.14%	0.5438	103.1%	12.0%					0.4378	prob H0: V1=V2
1PT	WS	11/14/2005	9/5/2006	Bromomethane	4950	18	1.58	23	1	4.35%	0.8236	94.6%	20.4%	0.239	0.406	Same	1.429	1.896	Same
2PT	WS	1/9/2006	9/10/2007	Bromomethane	4950	12	1.60	32	1	3.13%	0.6576	100.8%	17.0%					0.1770	prob H0: V1=V2
1PT	WS	1/9/2006	1/8/2007	Chloromethane	4960	16	2.19	35	6	17.14%	0.9327	106.9%	31.3%	1.026	0.152	Same	2.045	1.783	Significantly Different
2PT	WS	5/16/2005	8/6/2007	Chloromethane	4960	12	1.27	34	3	8.82%	0.5689	106.7%	21.9%					0.0213	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Methylene chloride (Dichloromethane)	4975	20	1.42	71	3	4.23%	0.6309	96.6%	11.0%	0.054	0.478	Same	0.903	1.494	Same
2PT	WS	5/16/2005	4/7/2008	Methylene chloride (Dichloromethane)	4975	12	1.96	68	3	4.41%	0.5015	98.4%	11.5%					0.6638	prob H0: V1=V2
1PT	WS	6/13/2005	1/7/2008	tert-Butyl methyl ether (MTBE)	5000	19	1.29	63	3	4.76%	0.5139	97.1%	14.0%	1.625	0.052	Same	1.706	1.558	Significantly Different
2PT	WS	5/16/2005	4/7/2008	tert-Butyl methyl ether (MTBE)	5000	12	1.55	54	0	0.00%	0.4029	99.8%	10.7%					0.0240	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Naphthalene	5005	19	1.33	63	1	1.59%	0.5623	97.2%	14.2%	0.011	0.495	Same	0.896	1.527	Same
2PT	WS	5/16/2005	4/7/2008	Naphthalene	5005	12	1.78	62	1	1.61%	0.6711	91.1%	15.0%					0.6655	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	n-Propylbenzene	5090	18	0.96	43	4	9.30%	0.5887	96.7%	11.0%	1.137	0.128	Same	1.445	1.612	Same
2PT	WS	5/16/2005	1/7/2008	n-Propylbenzene	5090	12	1.70	54	2	3.70%	0.4843	100.9%	9.1%					0.1019	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Styrene	5100	20	1.44	72	3	4.17%	0.4879	101.6%	11.2%	0.957	0.169	Same	1.506	1.492	Same
2PT	WS	5/16/2005	4/7/2008	Styrene	5100	12	1.96	68	1	1.47%	0.3951	102.2%	9.2%					0.0463	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,1,1,2-Tetrachloroethane	5105	17	1.39	59	1	1.69%	0.6030	99.5%	9.7%	0.058	0.477	Same	1.661	1.529	Significantly Different
2PT	WS	7/11/2005	4/7/2008	1,1,1,2-Tetrachloroethane	5105	12	1.94	64	1	1.56%	0.4216	99.9%	7.5%					0.0248	prob H0: V1=V2
1PT	WS	6/13/2005	1/7/2008	1,1,2,2-Tetrachloroethane	5110	19	1.29	63	1	1.59%	0.5487	98.6%	9.0%	1.299	0.097	Same	0.786	1.511	Same
2PT	WS	5/16/2005	4/7/2008	1,1,2,2-Tetrachloroethane	5110	12	1.93	67	4	5.97%	0.5517	100.4%	10.2%					0.8296	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Tetrachloroethylene	5115	20	1.46	73	5	6.85%	0.5861	95.3%	11.1%	1.087	0.139	Same	1.455	1.488	Same
2PT	WS	5/16/2005	4/7/2008	Tetrachloroethylene	5115	12	1.99	69	2	2.90%	0.4928	94.5%	9.2%					0.0602	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Toluene	5140	20	1.42	71	1	1.41%	0.3957	98.3%	8.4%	0.982	0.163	Same	1.484	1.494	Same
2PT	WS	5/16/2005	4/7/2008	Toluene	5140	12	1.96	68	0	0.00%	0.3056	96.9%	6.9%					0.0529	prob H0: V1=V2
1PT	WS	1/9/2006	1/7/2008	1,2,3-Trichlorobenzene	5150	18	1.03	37	2	5.41%	0.5268	103.7%	12.3%	0.105	0.458	Same	0.875	1.710	Same
2PT	WS	5/16/2005	4/7/2008	1,2,3-Trichlorobenzene	5150	12	1.18	41	2	4.88%	0.5028	99.6%	13.1%					0.6559	prob H0: V1=V2

Lab Group	Study Type	Study Open Date Minimum	Study Open Date Maximum	Analyte Name	NELAC Analyte Number	Number of individual Labs	Average Number PT per Year	Total Number Data Points	Total Number Not Acceptable	Failure Rate	Average Absolute z score	Average Recovery	Average Recovery Standard Deviation	z _{CALC} Failure Rate	Significance of difference H0:p1=p2 Failure Rate	H0: p1=p2 (< 5% Significant) Failure Rate	F _{CALC} Average Recovery Variance	Critical F at p=0.05 for Average Recovery Variance / probability H0:V1=V2	F Test Average Recovery Variance (F _{CALC} < Critical F)
1PT	WS	7/11/2005	1/7/2008	1,2,4-Trichlorobenzene	5155	20	1.42	71	1	1.41%	0.4820	93.1%	14.6%	1.059	0.145	Same	1.487	1.494	Same
2PT	WS	5/16/2005	4/7/2008	1,2,4-Trichlorobenzene	5155	12	1.96	68	3	4.41%	0.5532	88.9%	12.0%					0.0520	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,1,1-Trichloroethane	5160	20	1.42	71	3	4.23%	0.4726	99.5%	10.7%	0.054	0.478	Same	1.163	1.494	Same
2PT	WS	5/16/2005	4/7/2008	1,1,1-Trichloroethane	5160	12	1.96	68	3	4.41%	0.4205	101.3%	9.9%					0.2672	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,1,2-Trichloroethane	5165	20	1.40	70	0	0.00%	0.2913	99.7%	9.3%	1.018	0.154	Same	1.221	1.496	Same
2PT	WS	5/16/2005	4/7/2008	1,1,2-Trichloroethane	5165	12	1.96	68	1	1.47%	0.2870	100.1%	8.4%					0.2067	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Trichloroethylene	5170	20	1.42	71	2	2.82%	0.3796	99.4%	9.6%	0.546	0.293	Same	1.443	1.494	Same
2PT	WS	5/16/2005	4/7/2008	Trichloroethylene	5170	12	1.96	68	1	1.47%	0.3615	98.1%	8.0%					0.0662	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	1,2,3-Trichloropropane (TCP)	5180	17	1.46	62	11	17.74%	0.9114	93.3%	19.9%	1.195	0.116	Same	1.034	1.513	Same
2PT	WS	5/16/2005	4/7/2008	1,2,3-Trichloropropane (TCP)	5180	12	1.93	67	7	10.45%	0.6994	100.7%	19.5%					0.4459	prob H0: V1=V2
1PT	WS	6/13/2005	1/7/2008	1,2,4-Trimethylbenzene	5210	18	1.32	61	1	1.64%	0.4774	99.7%	12.1%	0.056	0.478	Same	1.304	1.518	Same
2PT	WS	5/16/2005	1/7/2008	1,2,4-Trimethylbenzene	5210	12	2.08	66	1	1.52%	0.4271	99.8%	10.6%					0.1473	prob H0: V1=V2
1PT	WS	9/5/2006	1/8/2007	1,3,5-Trimethylbenzene	5215	17	3.09	18	3	16.67%	1.1320	97.9%	14.4%	0.205	0.419	Same	0.801	2.167	Same
2PT	WS	5/16/2005	10/5/2007	1,3,5-Trimethylbenzene	5215	12	0.73	21	3	14.29%	0.9911	99.1%	16.1%					0.6754	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Vinyl chloride	5235	20	1.44	72	9	12.50%	0.8133	105.9%	28.0%	2.533	0.006	Significantly Different	2.998	1.492	Significantly Different
2PT	WS	5/16/2005	4/7/2008	Vinyl chloride	5235	12	1.96	68	1	1.47%	0.5451	107.2%	16.2%					0.0000	prob H0: V1=V2
1PT	WS	7/11/2005	1/7/2008	Xylenes, total	5260	20	1.42	71	3	4.23%	0.5789	102.5%	18.6%	0.406	0.342	Same	4.445	1.494	Significantly Different
2PT	WS	5/16/2005	4/7/2008	Xylenes, total	5260	12	1.96	68	2	2.94%	0.4411	98.9%	8.8%					0.0000	prob H0: V1=V2
Data Not used in Comparison																			
1PT	WS	11/14/2005	11/14/2005	Dichlorodifluoromethane (Freon 12)	4625	1		1	0	0.00%	0.1263	105.1%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#NUM!	#DIV/0!
2PT	WS	4/7/2008	4/7/2008	Dichlorodifluoromethane (Freon 12)	4625	1		1	0	0.00%	0.3293	106.6%						#DIV/0!	prob H0: V1=V2
1PT	WS	11/14/2005	7/9/2007	Fluorotrichloromethane	5175	4	0.91	6	0	0.00%	0.3695	100.4%	12.2%	#DIV/0!	#DIV/0!	#DIV/0!	0.728	2.711	Same
2PT	WS	7/10/2006	4/7/2008	Fluorotrichloromethane	5175	10	1.20	21	0	0.00%	0.4408	106.0%	14.3%					0.6108	prob H0: V1=V2