

Appendix B

Distribution Assessment

Tables

- Summary of Distribution Properties

Figures (normal and log-normal probability plots for following data sets)

- Incinerators, PCDD/PCDF, Dry APCDs, Emissions Approach
- Incinerators, PM, Control Technology Approach
- Incinerators, Hg, SRE-Feed Approach
- Incinerators, SVM, SRE-Feed Approach
- Incinerators, LVM, SRE-Feed Approach
- Incinerators, Chlorine, SRE-Feed Approach

- Cement Kilns, PCDD/PCDF, Emissions Approach
- Cement Kilns, PM, Control Technology Approach
- Cement Kilns, Hg, SRE-Feed Approach
- Cement Kilns, SVM, SRE-Feed Approach
- Cement Kilns, LVM, SRE-Feed Approach
- Cement Kilns, Chlorine, SRE-Feed Approach

- Lightweight Aggregate Kilns, PCDD/PCDF, Emissions Approach
- Lightweight Aggregate Kilns, PM, Control Technology Approach
- Lightweight Aggregate Kilns, Hg, SRE-Feed Approach
- Lightweight Aggregate Kilns, SVM, SRE-Feed Approach
- Lightweight Aggregate Kilns, LVM, SRE-Feed Approach
- Lightweight Aggregate Kilns, Chlorine, SRE-Feed Approach

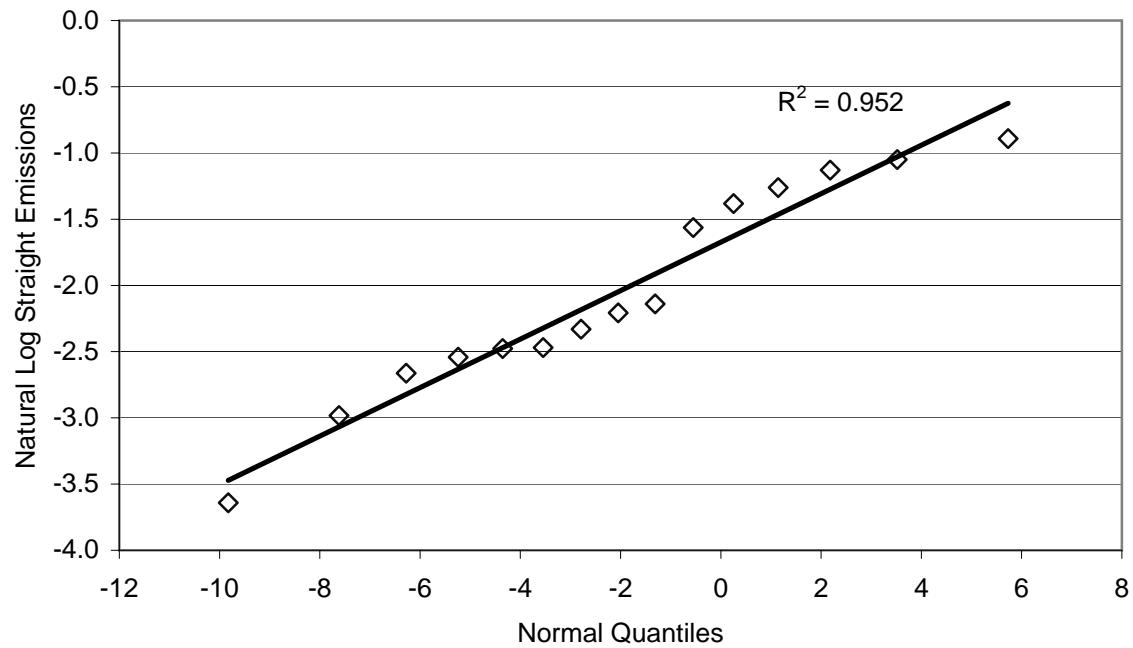
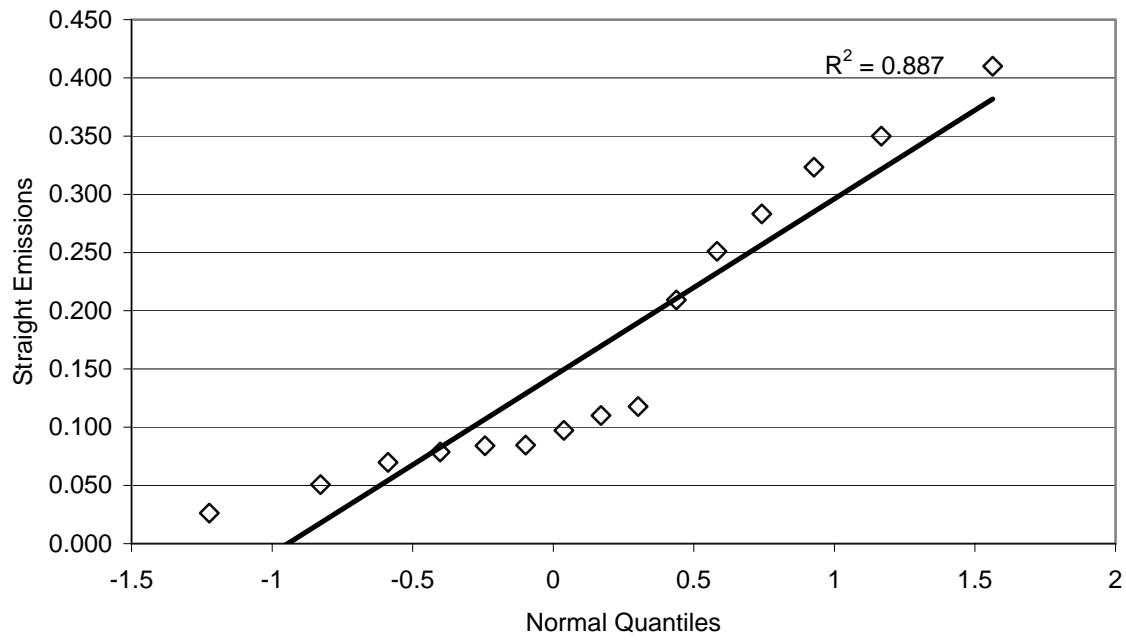
- Solid Fuel Boilers, PM, Control Technology Approach
- Solid Fuel Boilers, Hg, SRE-Feed Approach
- Solid Fuel Boilers, SVM, SRE-Feed Approach
- Solid Fuel Boilers, LVM, SRE-Feed Approach
- Solid Fuel Boilers, Chlorine, Emissions Approach

- Liquid Fuel Boilers, PCDD/PCDF, Emissions Approach
- Liquid Fuel Boilers, PM, Control Technology Approach
- Liquid Fuel Boilers, Hg, Emissions Approach
- Liquid Fuel Boilers, SVM, Emissions Approach
- Liquid Fuel Boilers, Chromium, SRE-Feed Approach
- Liquid Fuel Boilers, Chlorine, SRE-Feed Approach

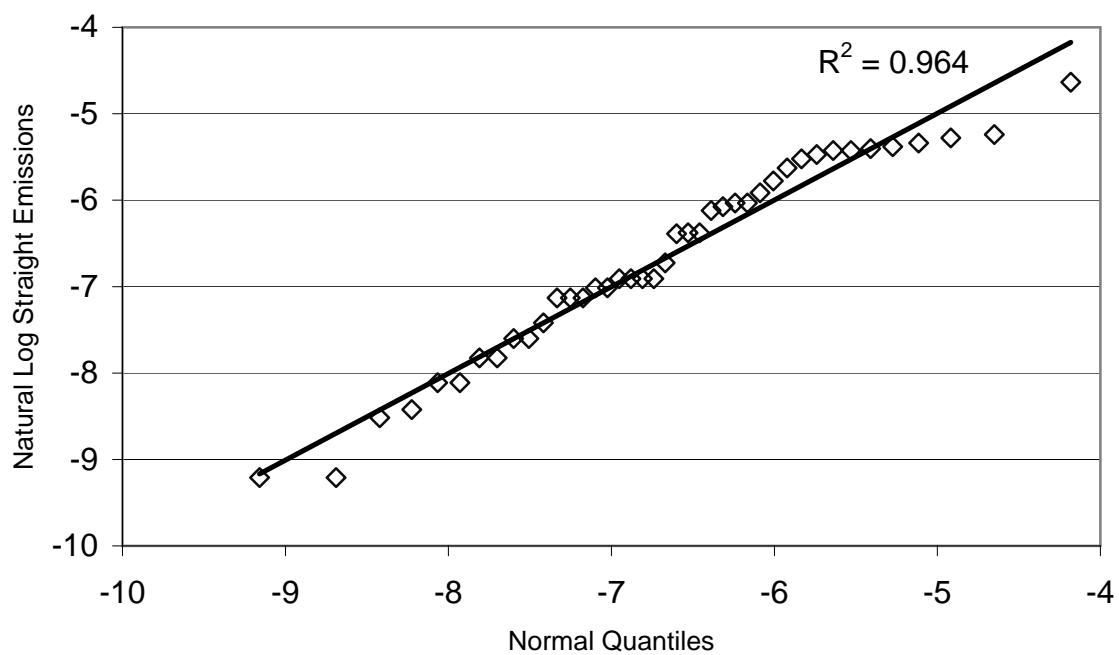
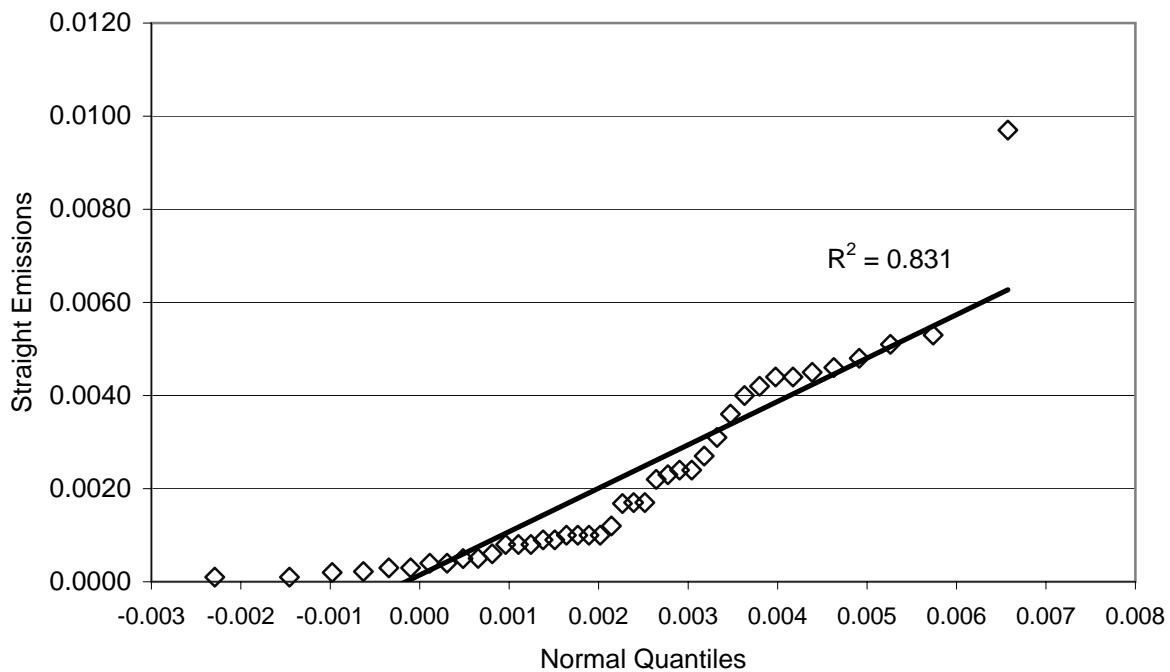
Distribution Properties

Source Category	HAP	MACT Approach	Normal Distr				Log Normal Distr			
			Prob Plot Coeff	Skew Coeff	Avg	Median	Prob Plot Coeff	Skew Coeff	Avg	Median
Inc	SVM	SRE-Feed	0.858	1.31	22.4	17.1	0.963	0.04	2.80	2.83
Inc	LVM	SRE-Feed	0.879	0.38	48.3	35.6	0.901	-0.31	3.40	3.60
Inc	Hg	SRE-Feed	0.852	0.42	280.0	132.0	0.825	-0.29	4.20	4.90
Inc	Cl	SRE-Feed	0.863	0.58	0.6	0.3	0.925	-0.33	-1.20	-1.40
Inc	PM	Control Tech	0.831	1.51	0.0021	0.0012	0.964	-0.43	-6.67	-6.72
Inc	D/F Dry APCD	Straight Emiss	0.887	0.74	0.17	0.11	0.952	-0.19	-2.10	-2.20
CK	SVM	SRE-Feed	0.831	-0.42	246.0	333.0	0.759	-0.96	4.46	5.81
CK	LVM	SRE-Feed	0.916	-0.35	9.0	10.7	0.794	-1.20	1.84	2.37
CK	Hg	SRE-Feed	0.940	0.57	28.6	24.5	0.965	-0.36	3.20	3.21
CK	PM	Control Tech	0.814	1.20	0.010	0.008	0.931	0.15	-5.02	-4.89
CK	D/F	Straight Emiss	0.948	0.45	0.085	0.087	0.948	-0.26	-2.58	-2.44
LWAK	SVM	SRE-Feed	0.708	1.73	121.9	66.5	0.949	-0.09	3.62	4.20
LWAK	LVM	SRE-Feed	0.797	1.35	29.6	18.9	0.933	0.60	3.15	2.94
LWAK	Hg	SRE-Feed	0.410	4.69	10.2	5.7	0.873	-1.16	1.63	1.73
LWAK	Cl	SRE-Feed	0.965	-0.20	1648.0	1676.0	0.838	-1.22	7.21	7.40
LWAK	PM	Control Tech	0.872	0.93	0.006	0.005	0.946	-0.11	-5.45	-5.40
LWAK	D/F	Straight Emiss	0.803	0.86	7.6	2.6	0.885	0.28	1.32	0.94
LFB	SVM	Therm Emiss	0.960	0.12	5.1	4.3	0.903	-1.03	1.39	1.45
LFB	LVM	SRE-Feed	0.701	1.81	36.4	16.0	0.972	0.19	2.95	2.77
LFB	Hg	Therm Emiss	0.587	1.66	2.4	0.5	0.909	0.57	-0.34	-0.62
LFB	Cl	SRE-Feed	0.795	1.36	14.9	6.5	0.840	-1.39	1.76	1.87
LFB	PM	Control Tech	0.880	0.76	0.011	0.009	0.951	-0.36	-4.93	-4.80
LFB	D/F Dry APCD	Straight Emiss	0.623	1.59	0.7	0.0	0.779	0.94	-2.75	-3.88
SFB	SVM	SRE-Feed	0.752	-1.28	139.0	159.0	0.633	-1.39	4.90	5.10
SFB	LVM	SRE-Feed	0.899	0.24	141.0	121.0	0.918	-0.26	4.72	4.80
SFB	Hg	SRE-Feed	0.868	-0.44	6.9	8.7	0.836	-0.58	1.80	2.20
SFB	Cl	Straight Emiss	0.781	1.02	299.0	175.0	0.909	0.25	5.27	5.17
SFB	PM	Control Tech	0.966	0.58	0.028	0.027	0.988	0.09	-3.62	-3.60

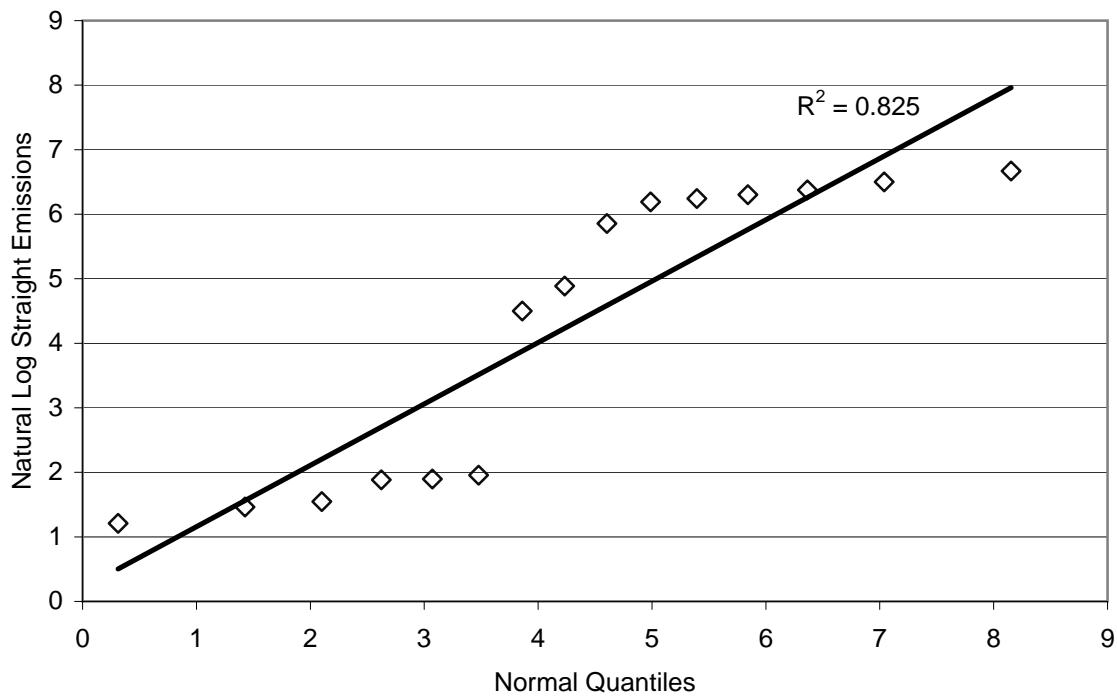
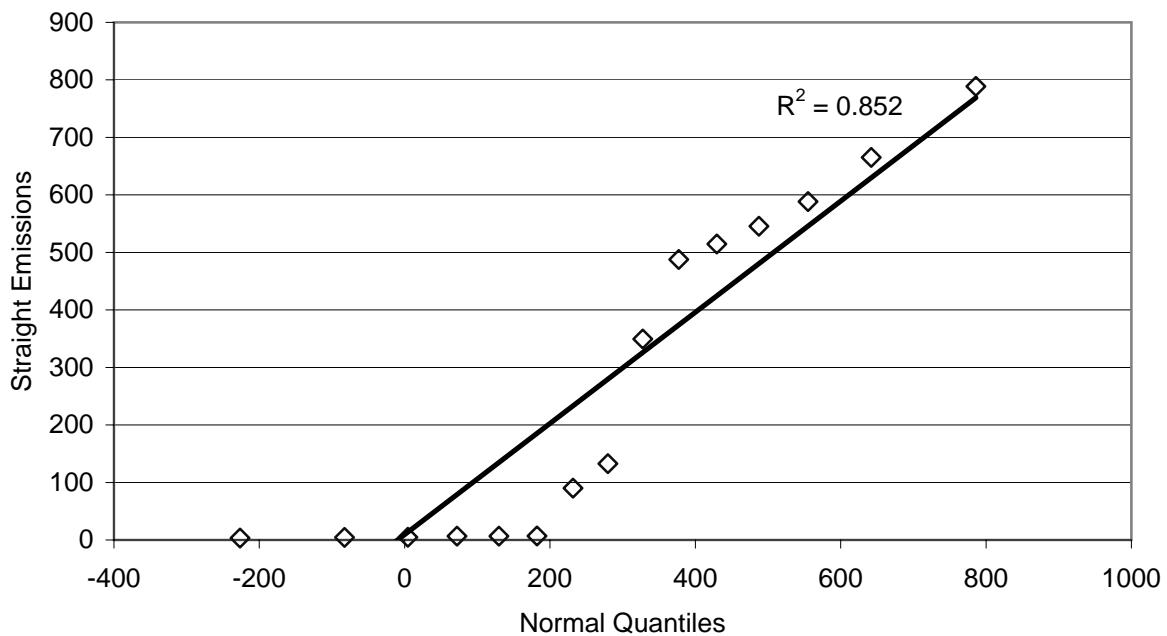
Incinerators, Dry APCDs, PCDD/PCDF, Straight Emissions Approach



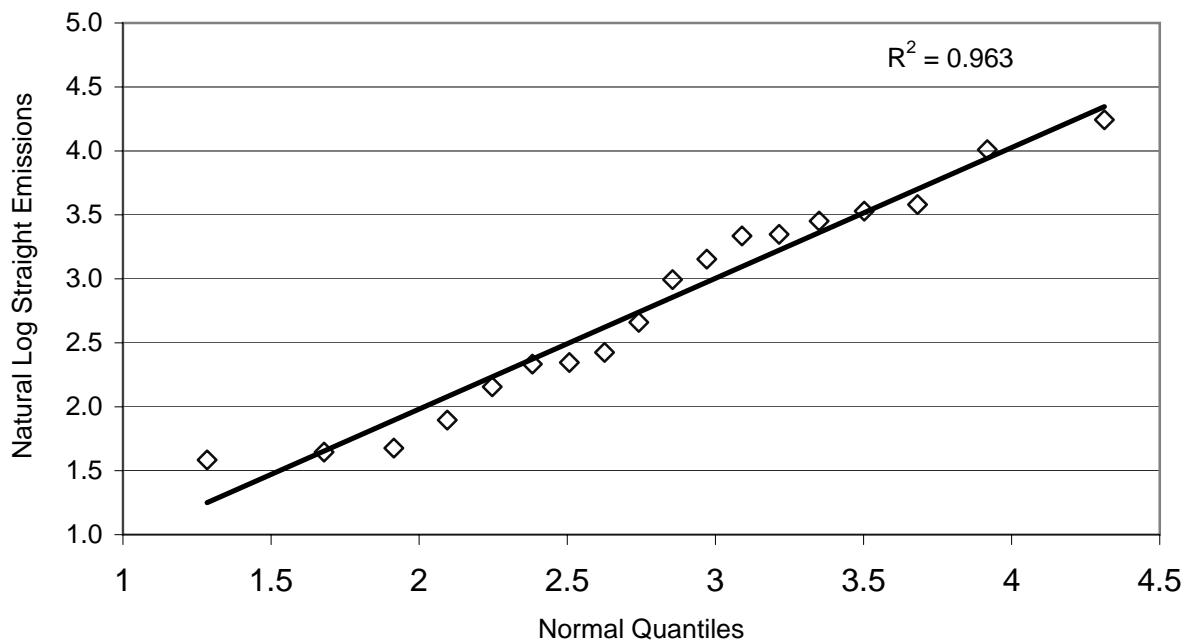
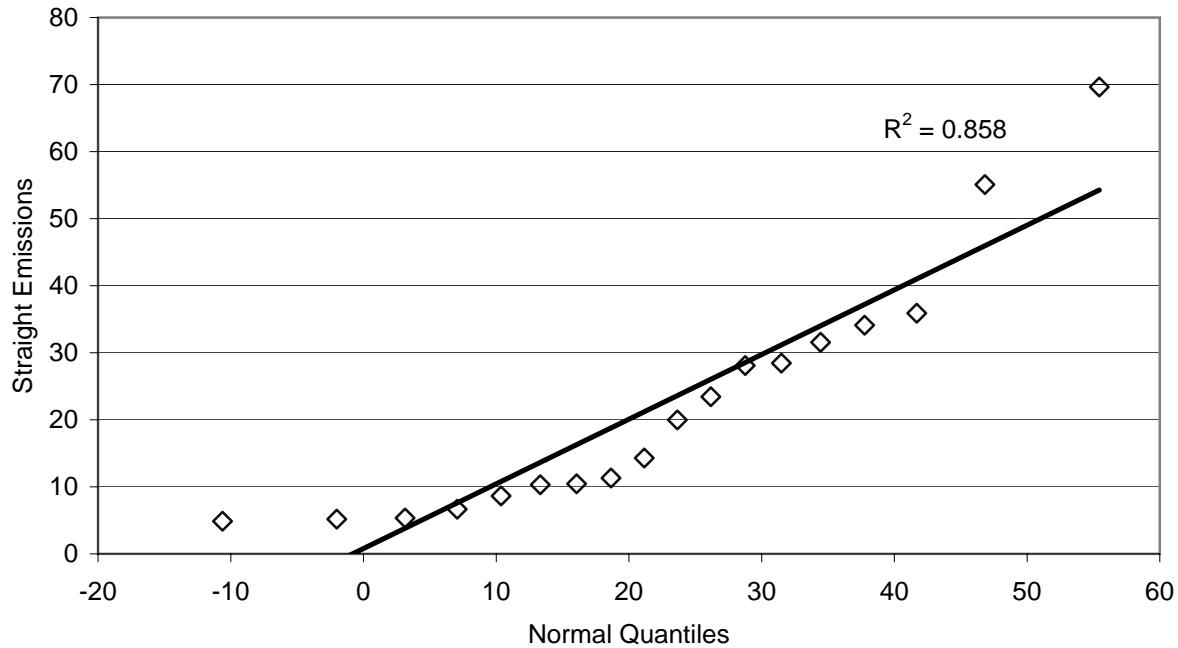
Incinerators, Particulate Matter, Control Technology Approach



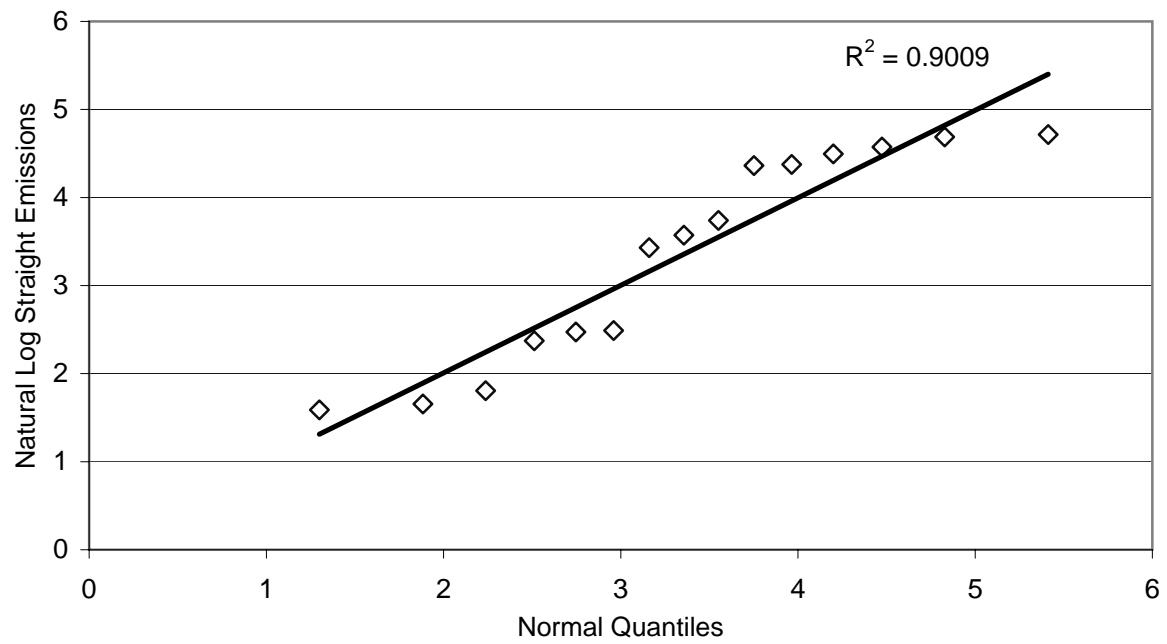
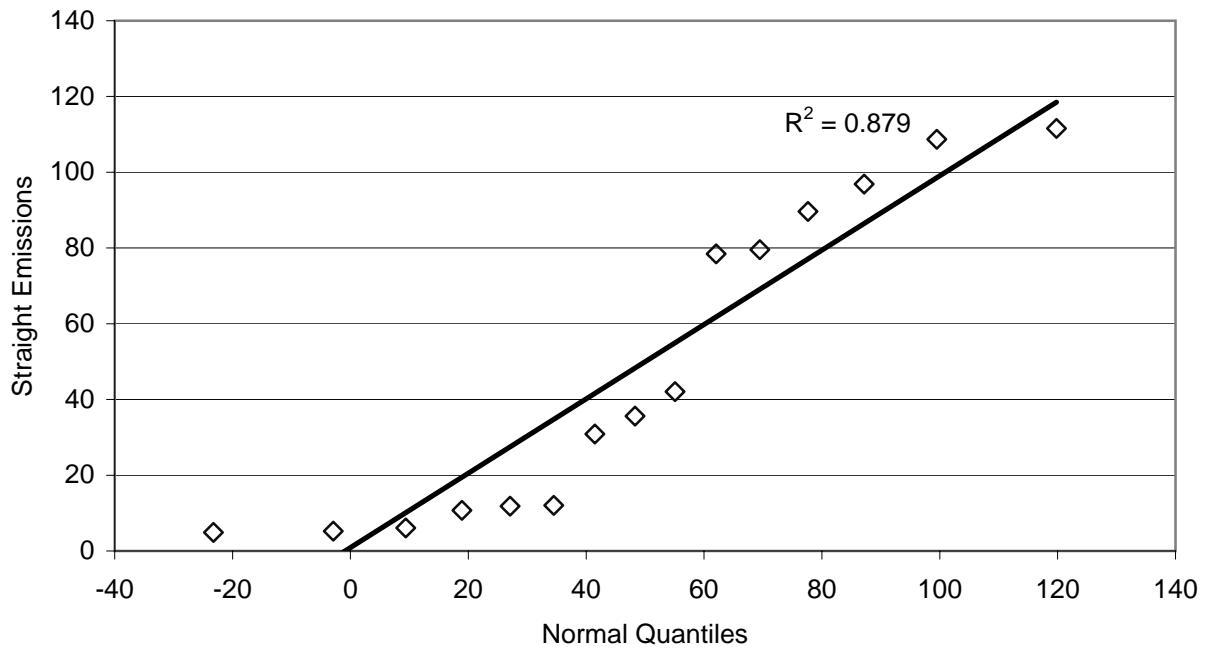
Incinerators, Mercury, SRE-Feed Approach



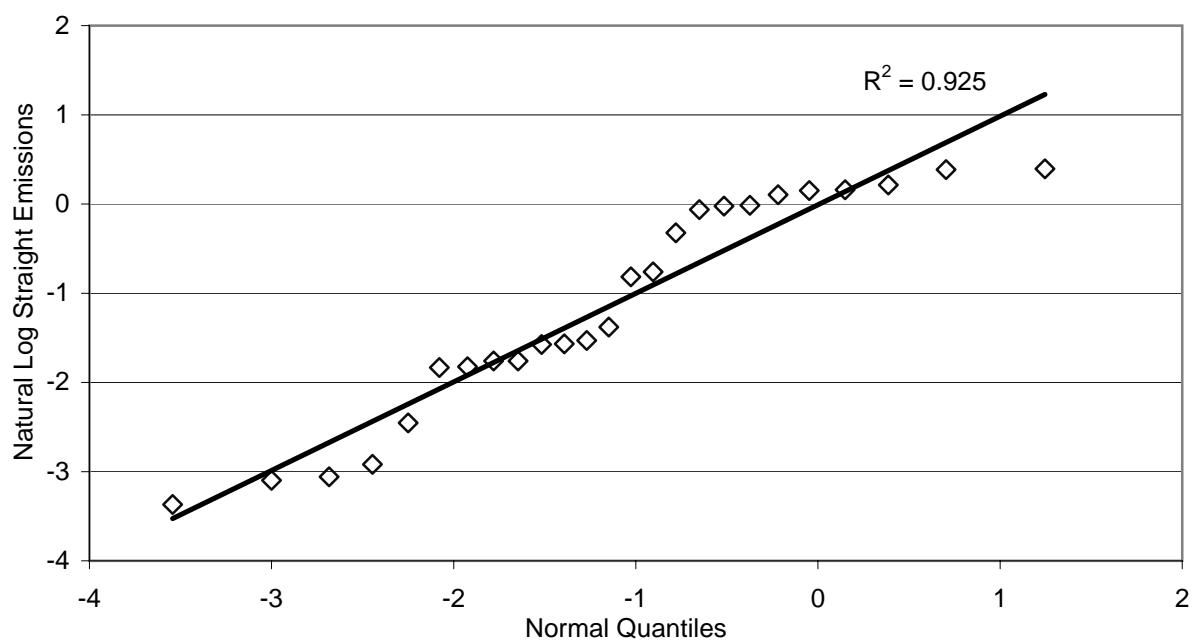
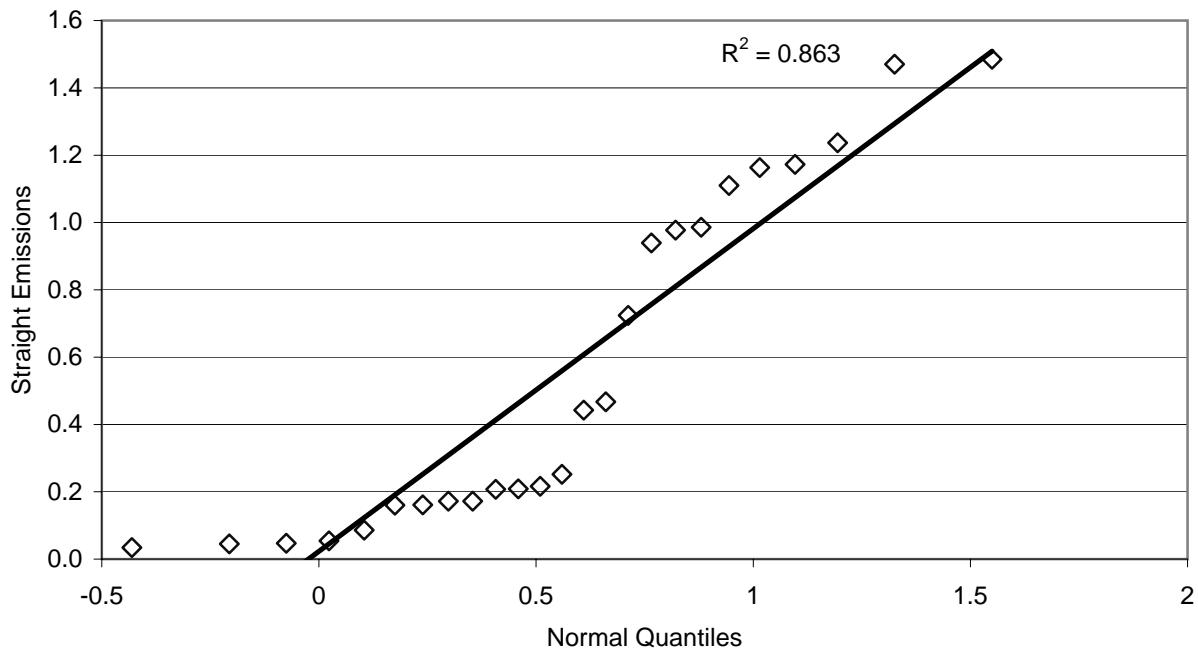
Incinerators, Semi Volatile Metals, SRE-Feed Approach



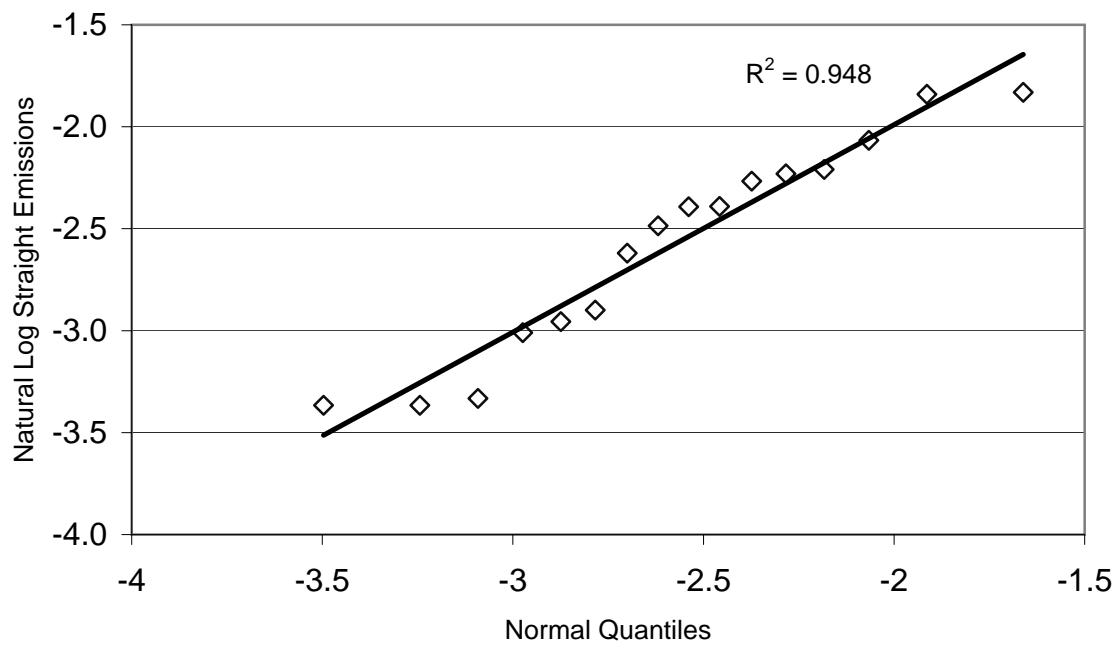
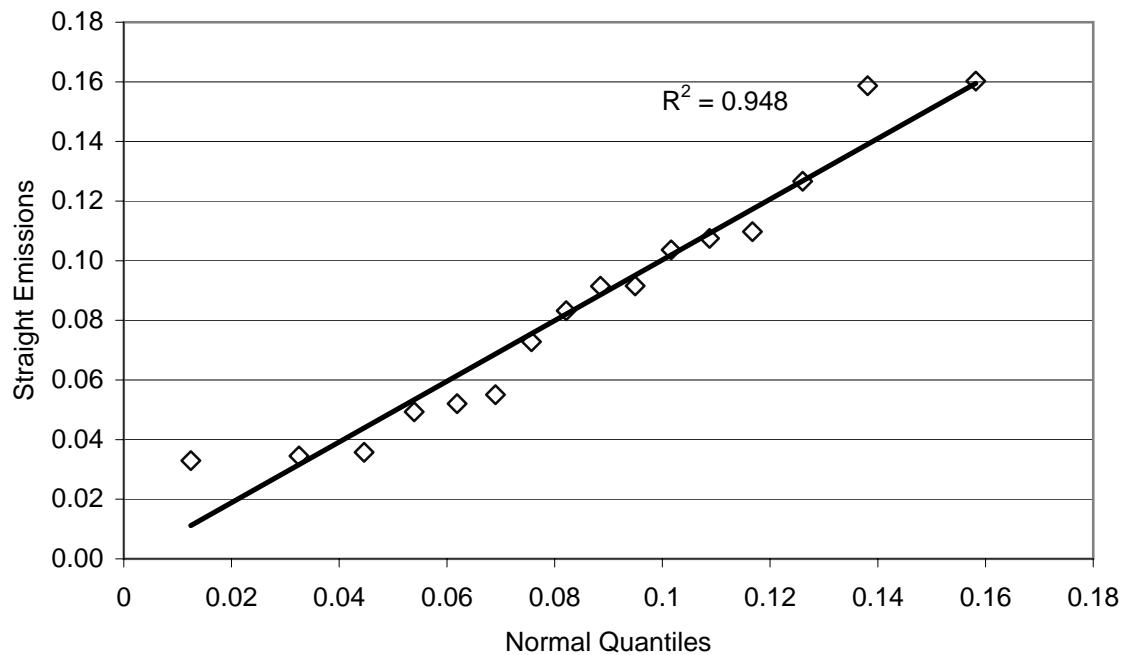
Incinerators, Low Volatile Metals, SRE-Feed Approach



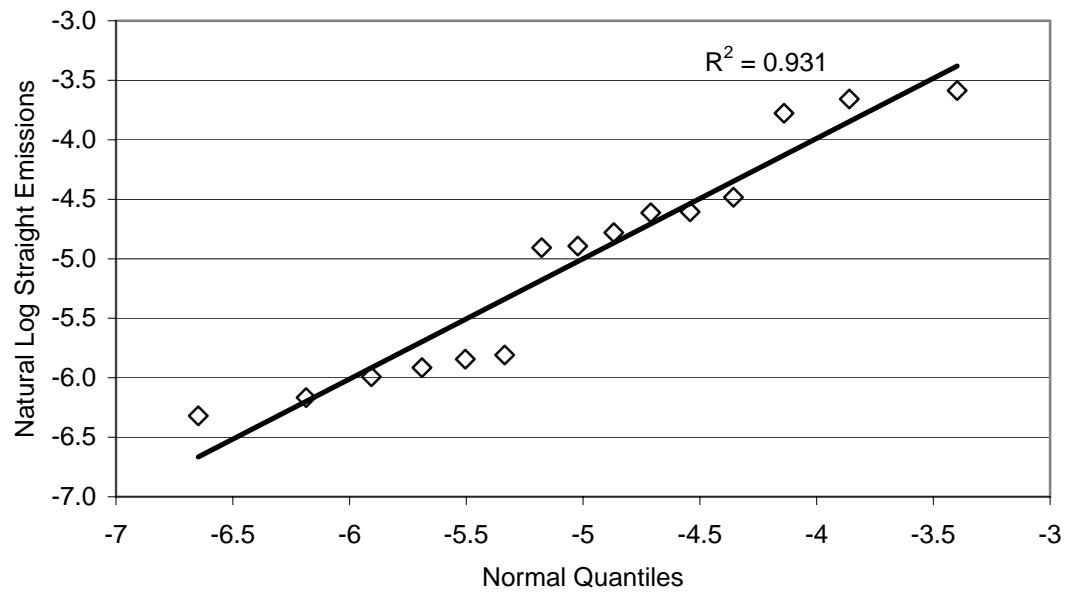
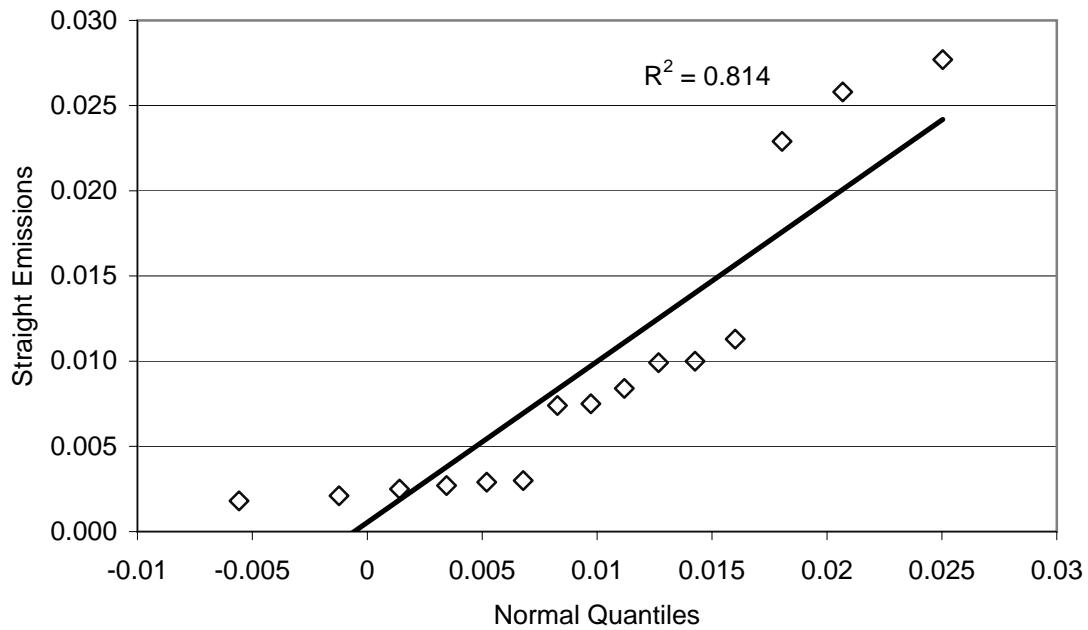
Incinerators, Chlorine, SRE-Feed Approach



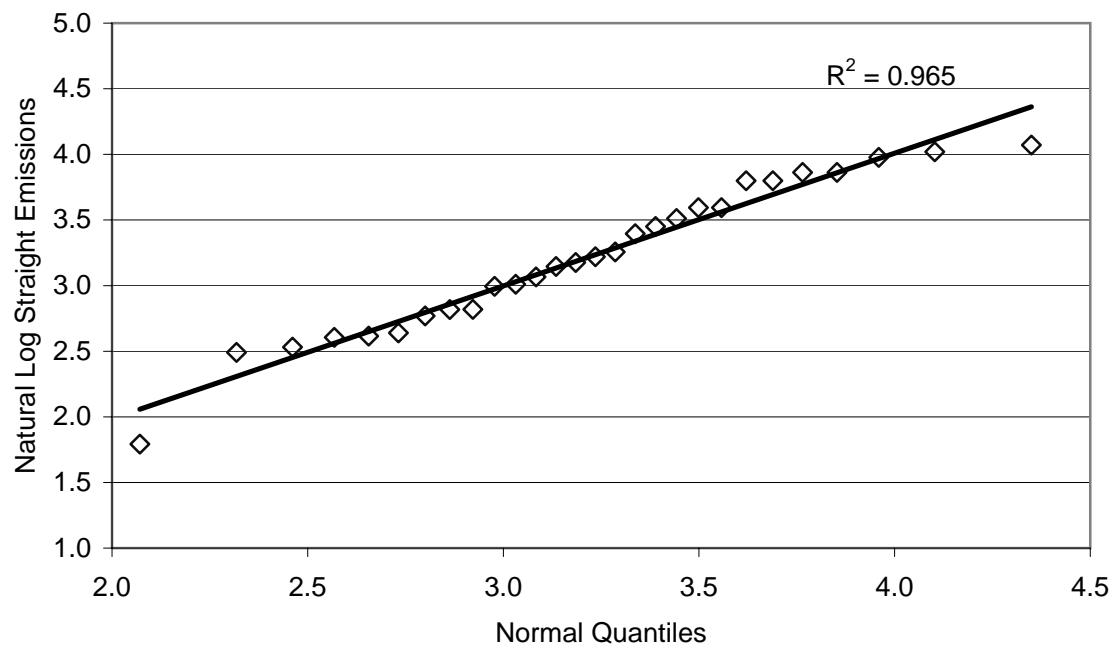
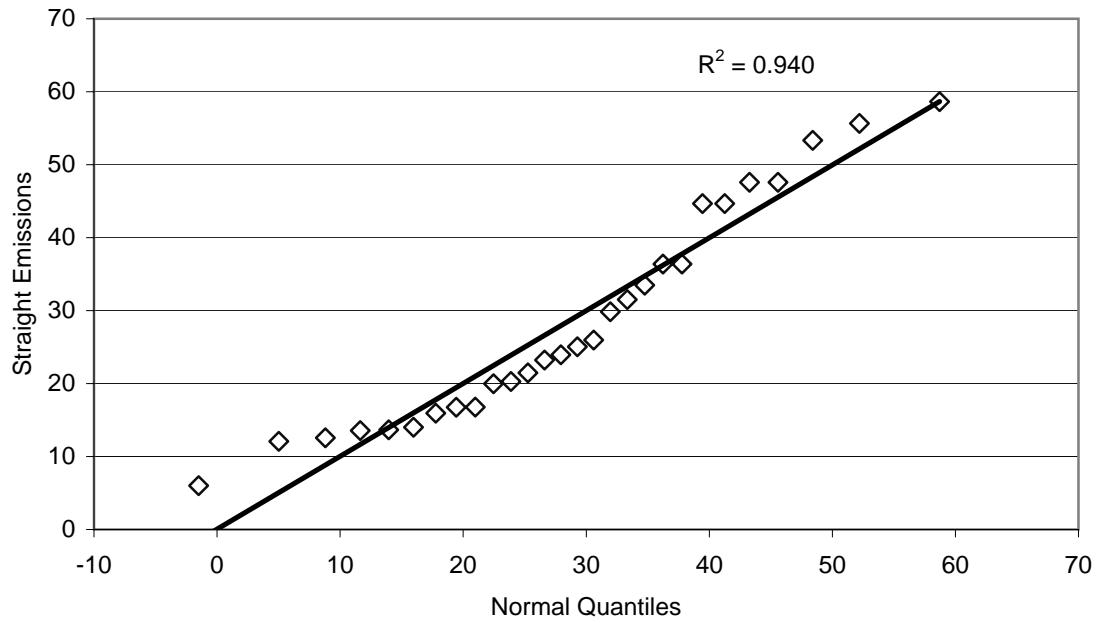
Cement Kilns, PCDD/PCDF. Straight Emissions



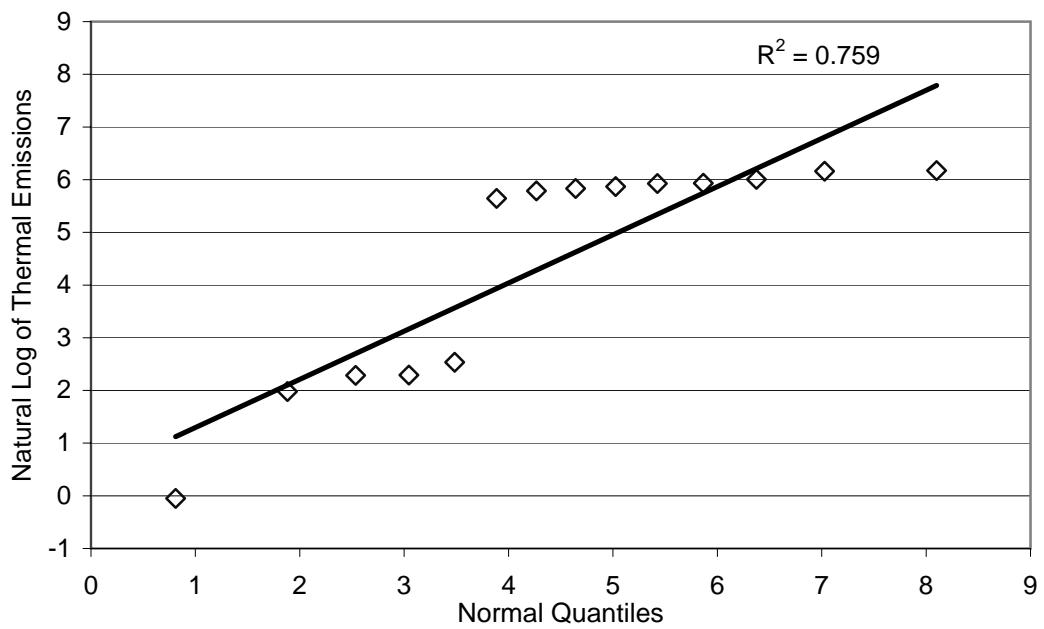
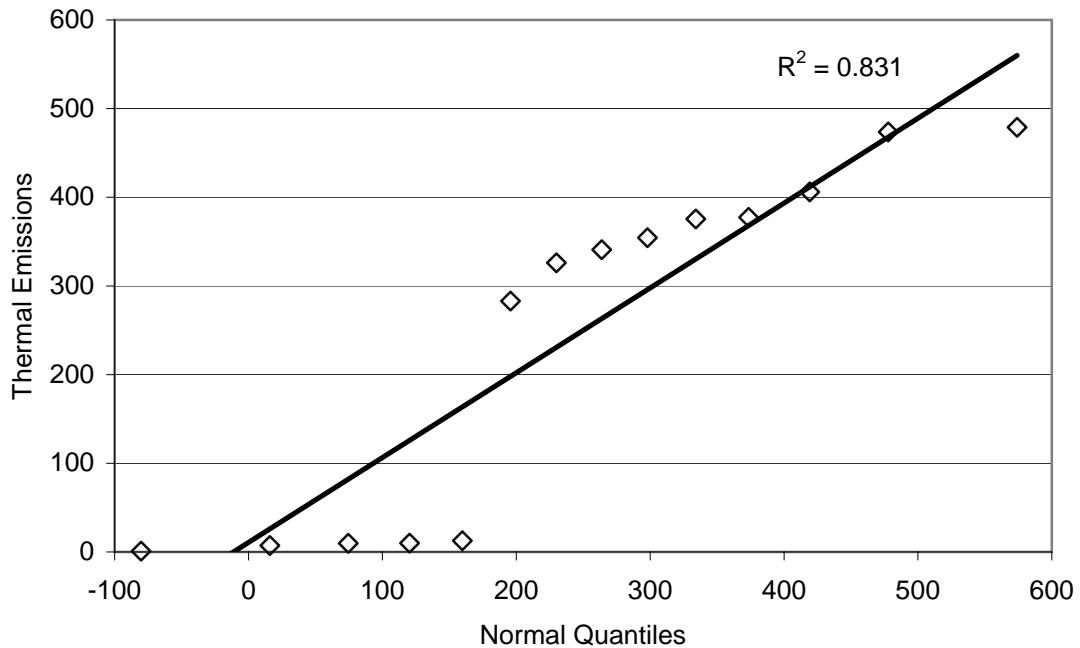
Cement Kilns, Particulate Matter, Control Technology Approach



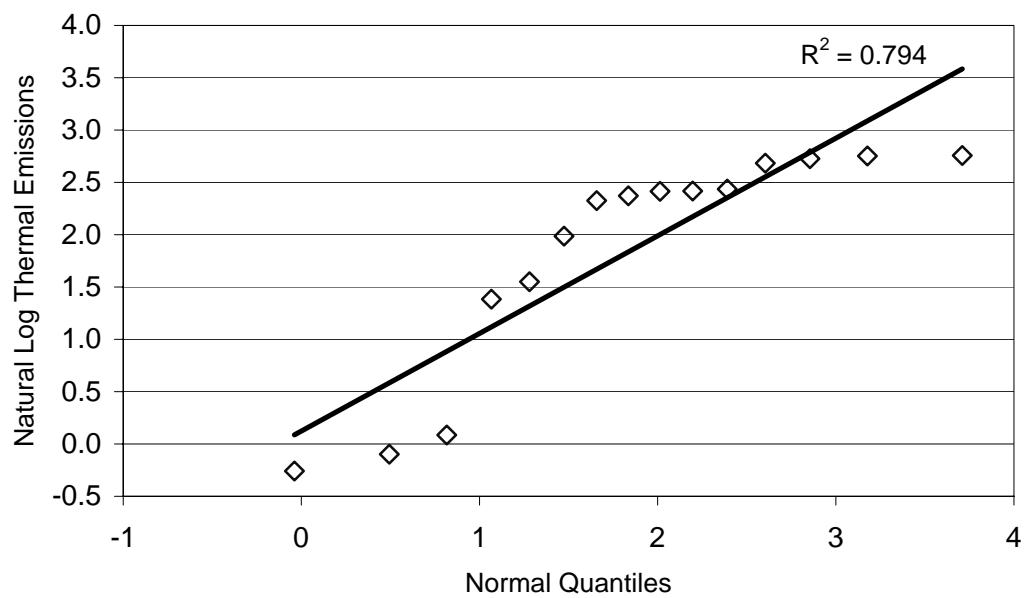
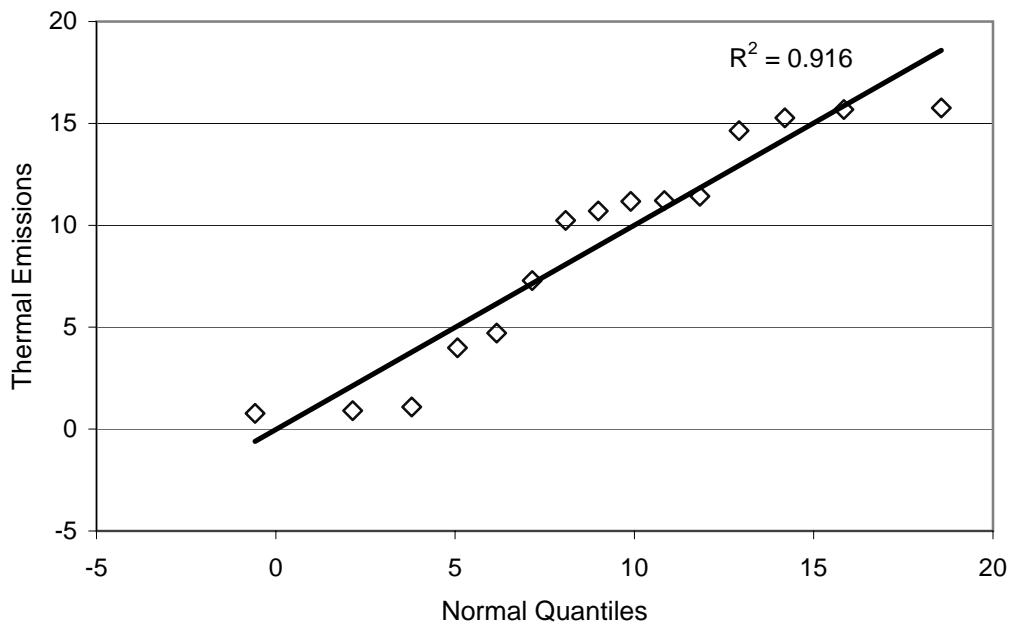
Cement Kilns, Mercury, SRE-Feed Approach



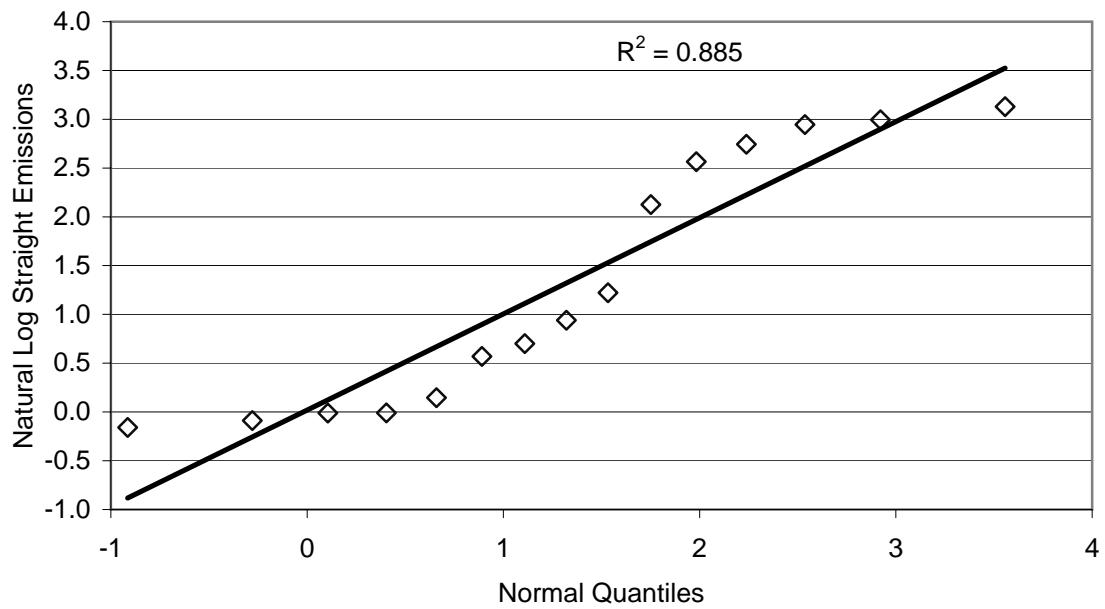
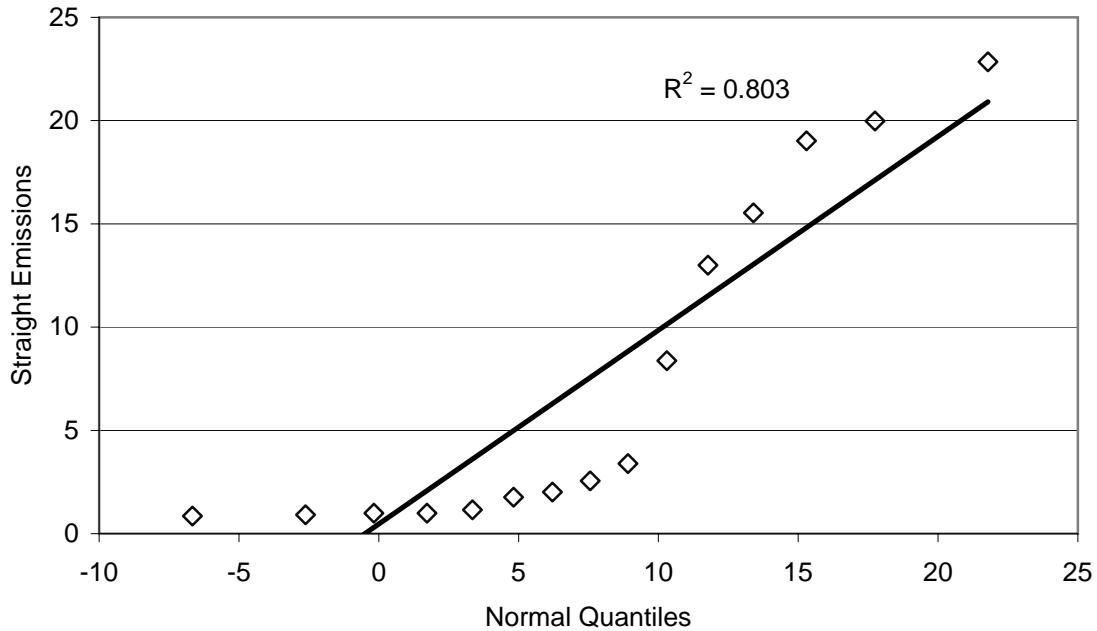
Cement Kilns, Semi Volatile Metals, SRE-Feed Approach



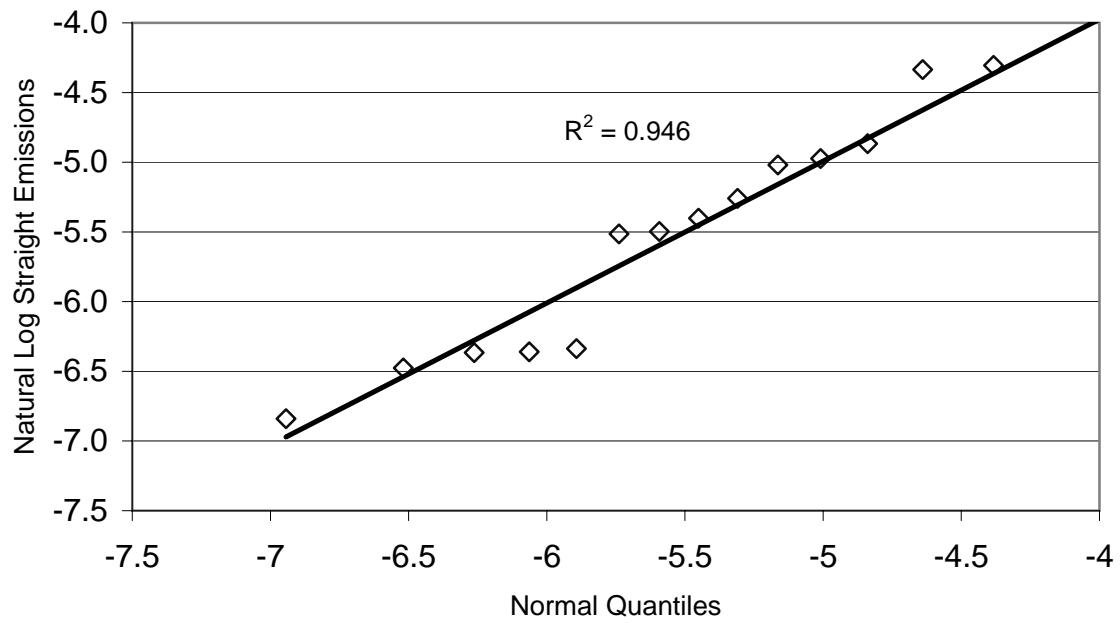
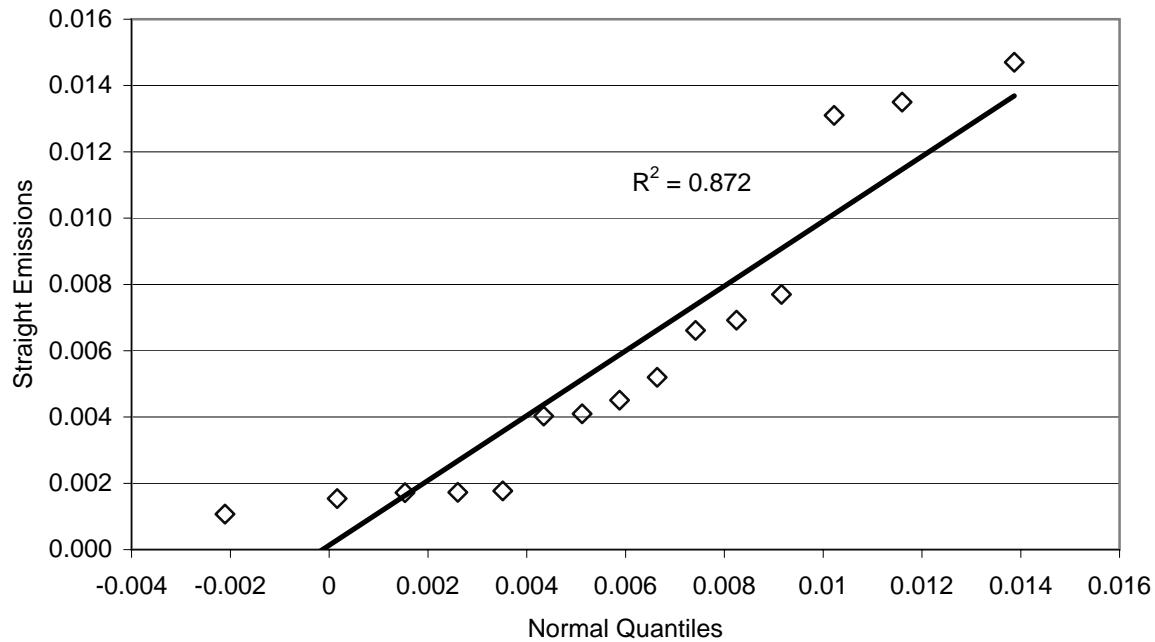
Cement Kilns, Low Volatile Metals, SRE-Feed Approach



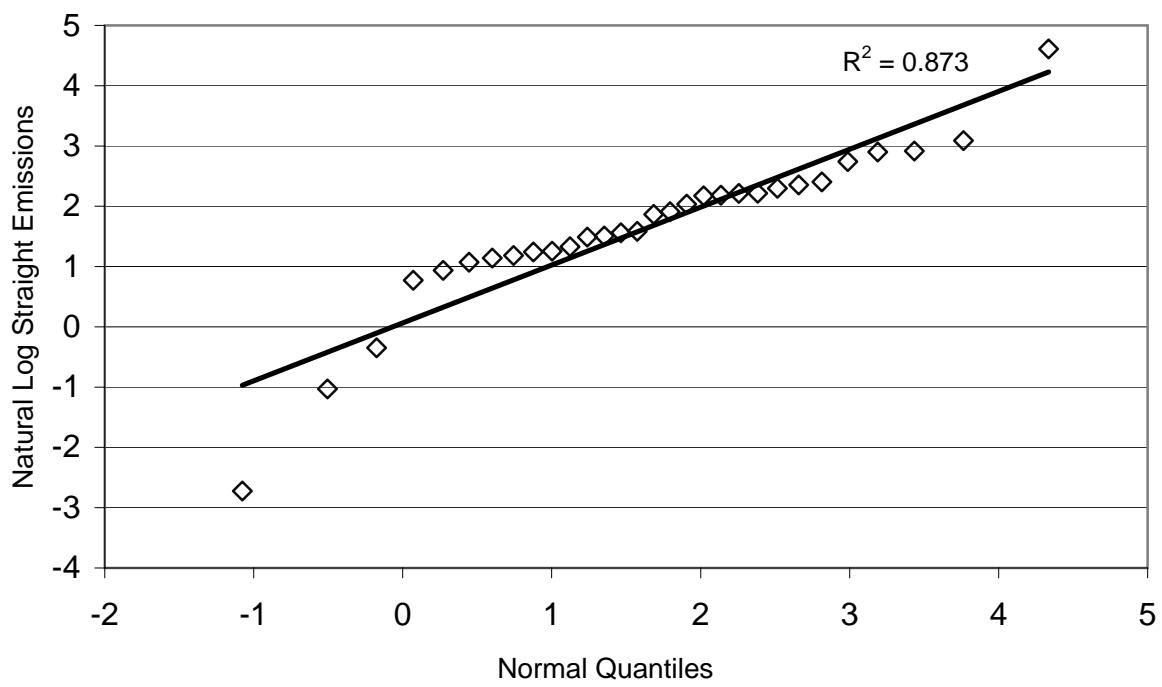
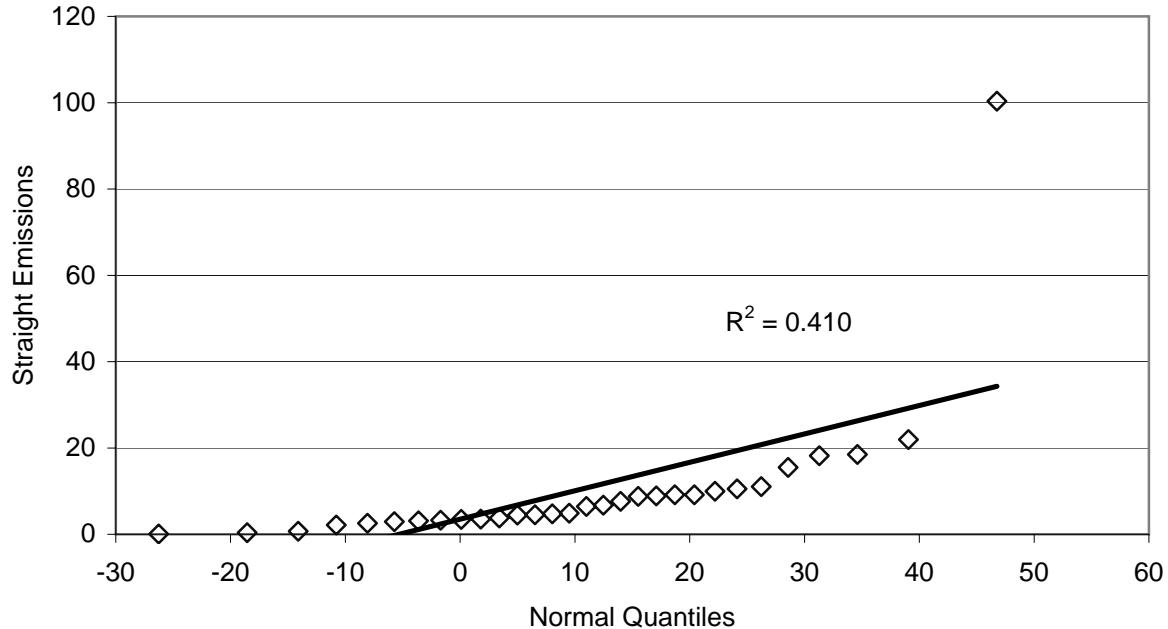
LWAK, PCDD/PCDF, Straight Emissions Approach



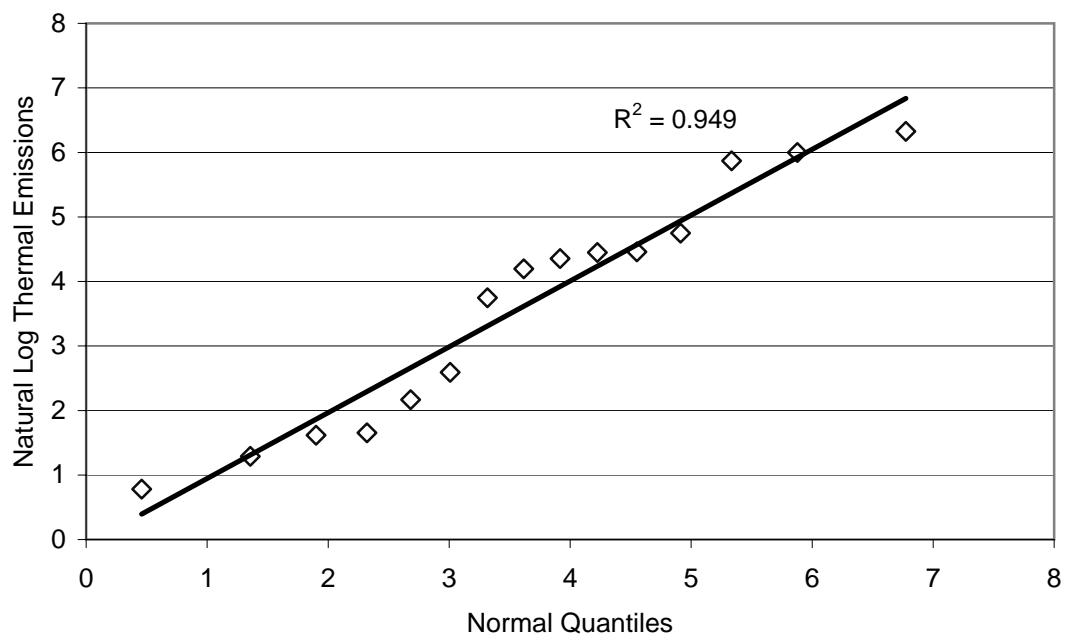
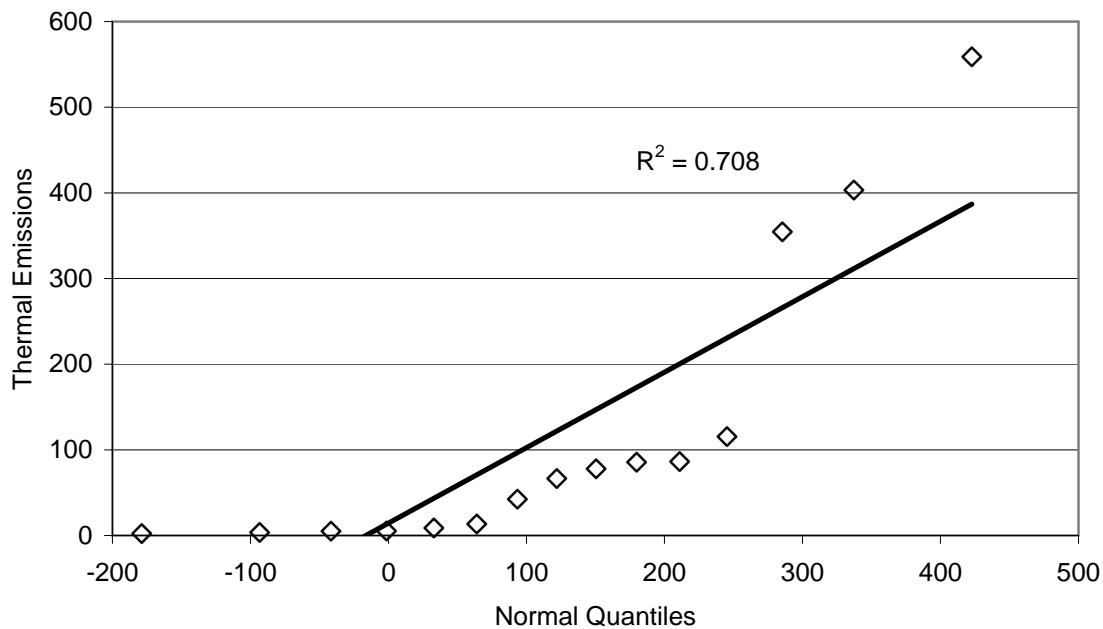
LWAK, Particulate Matter, Control Technology Approach



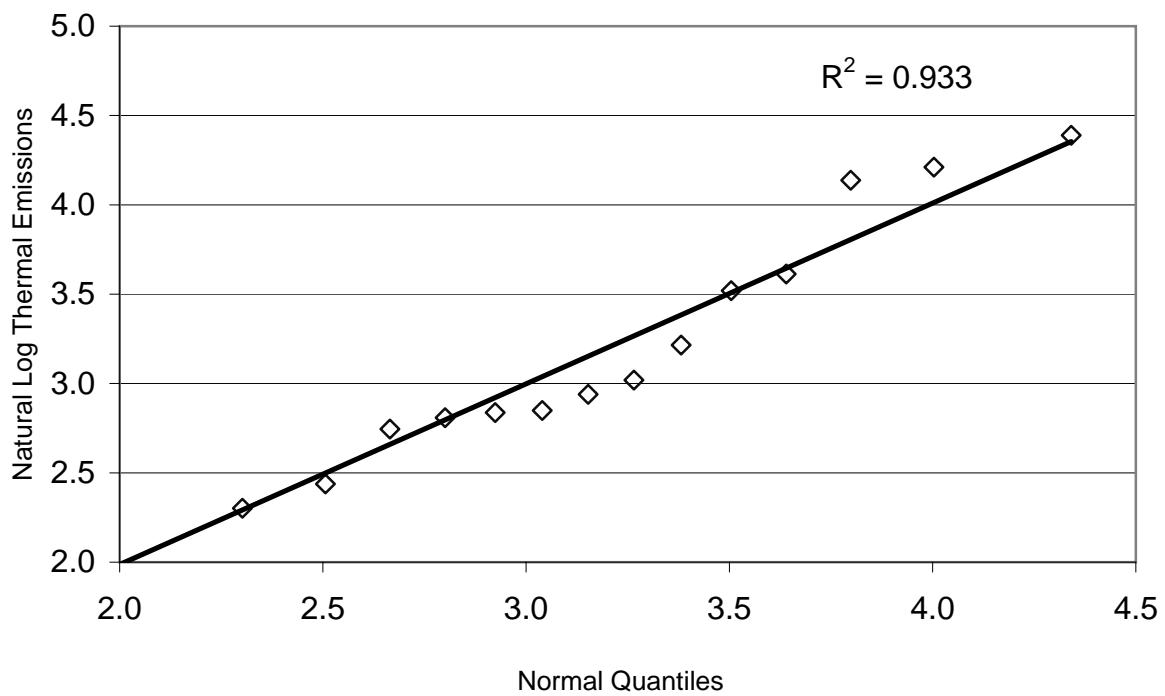
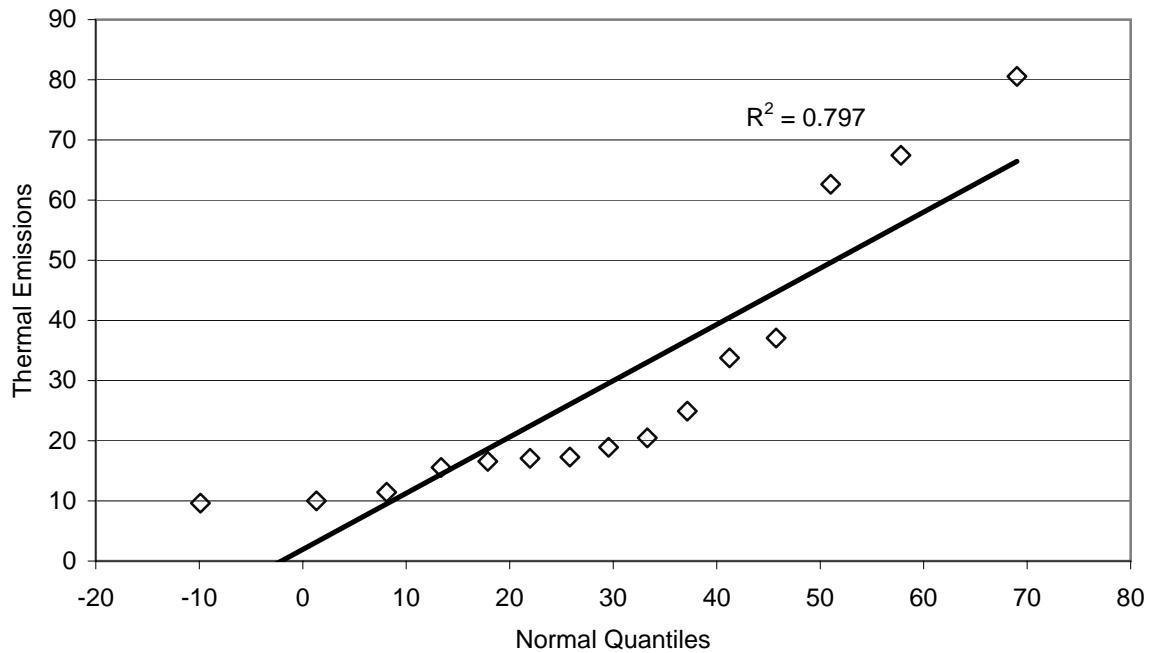
LWAK, Mercury, SRE-Feed Approach



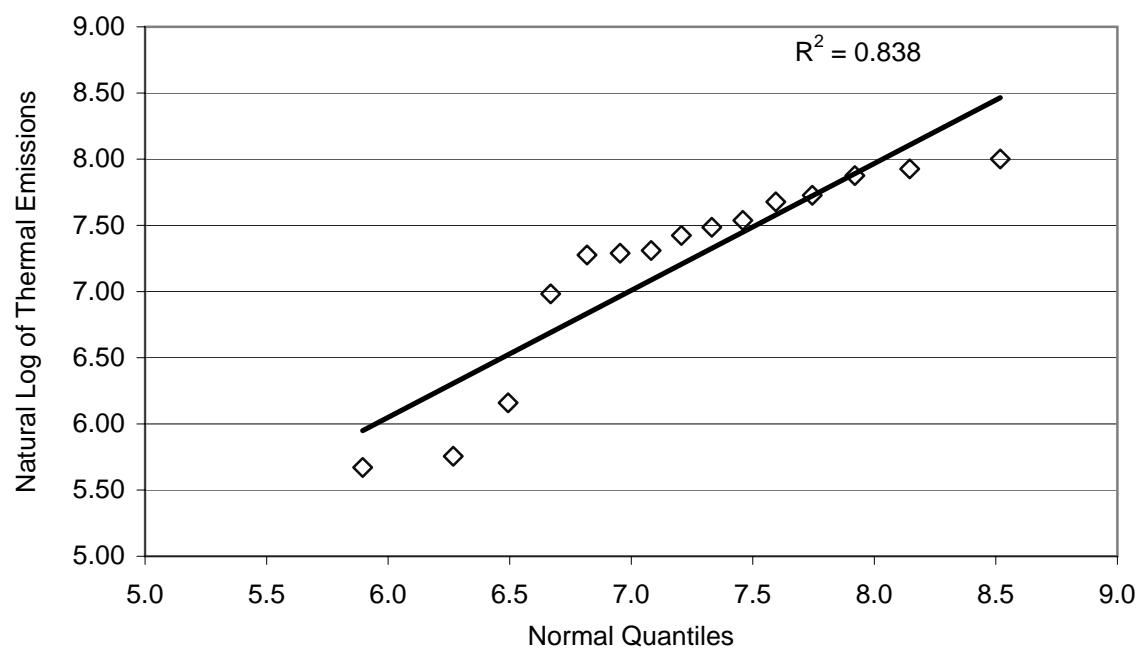
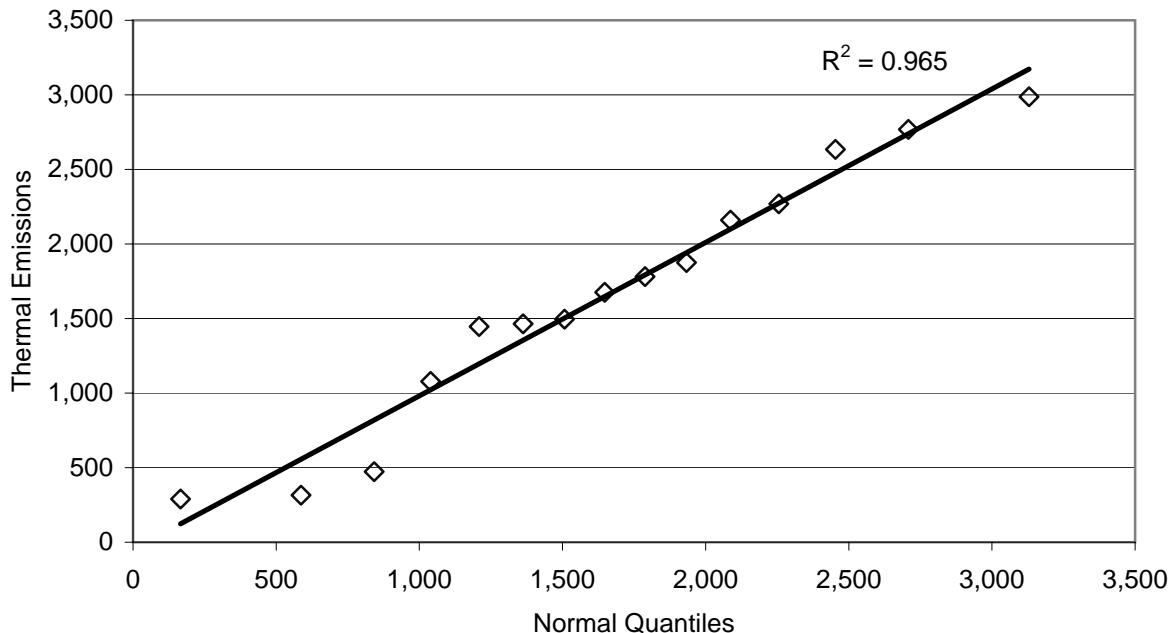
LWAK, Semi Volatile Metals, SRE-Feed Approach



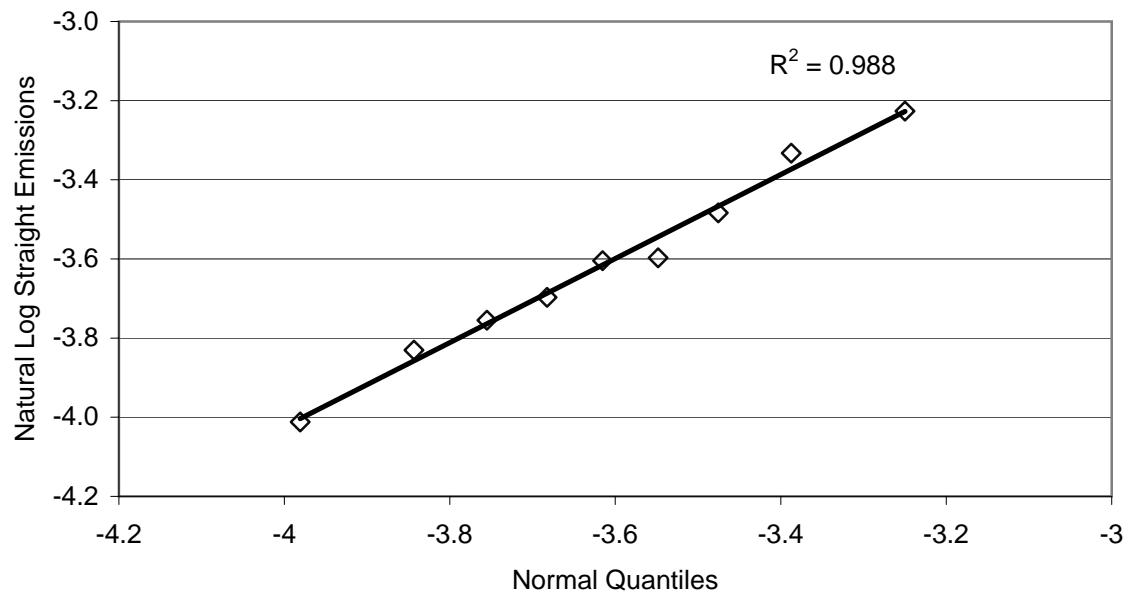
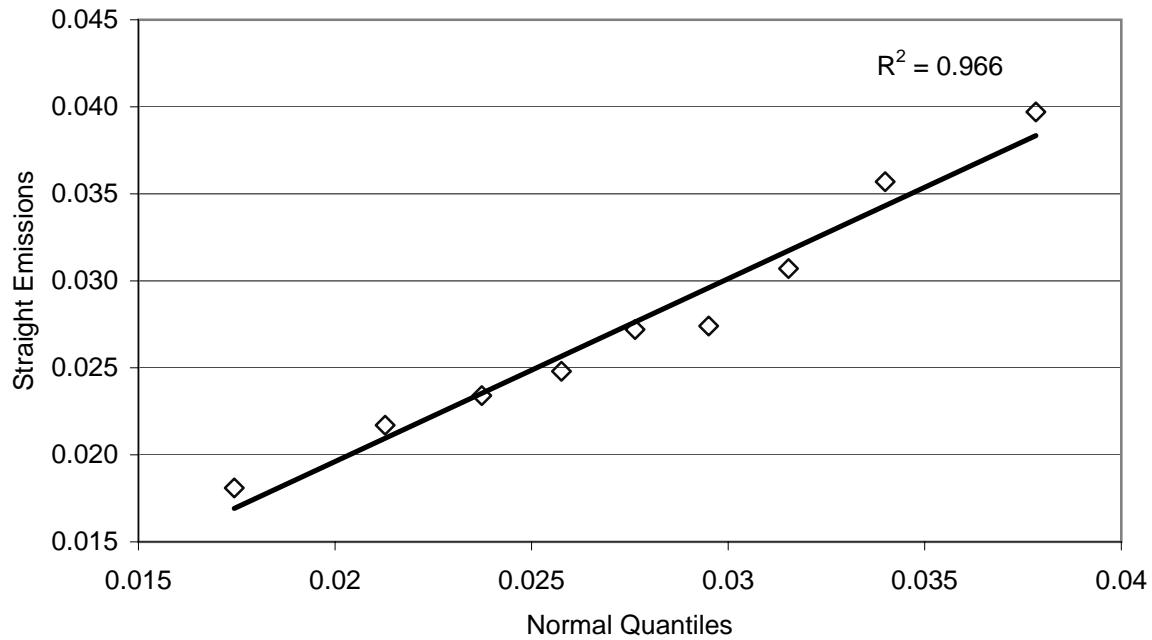
LWAK, Low Volatile Metals, SRE-Feed Approach



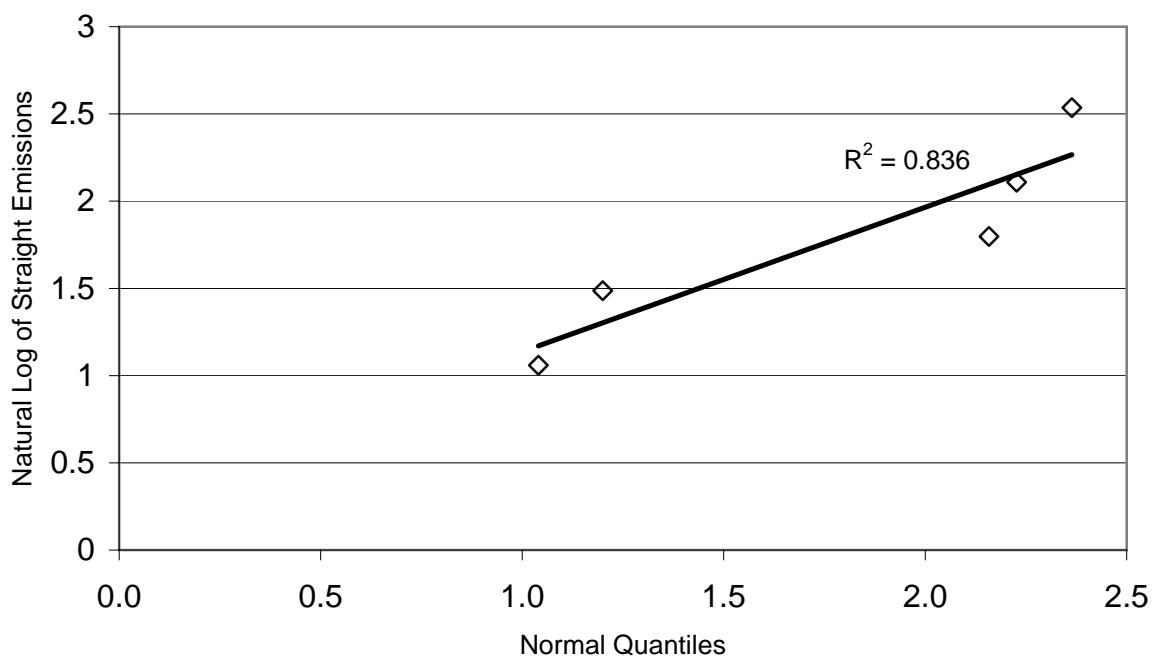
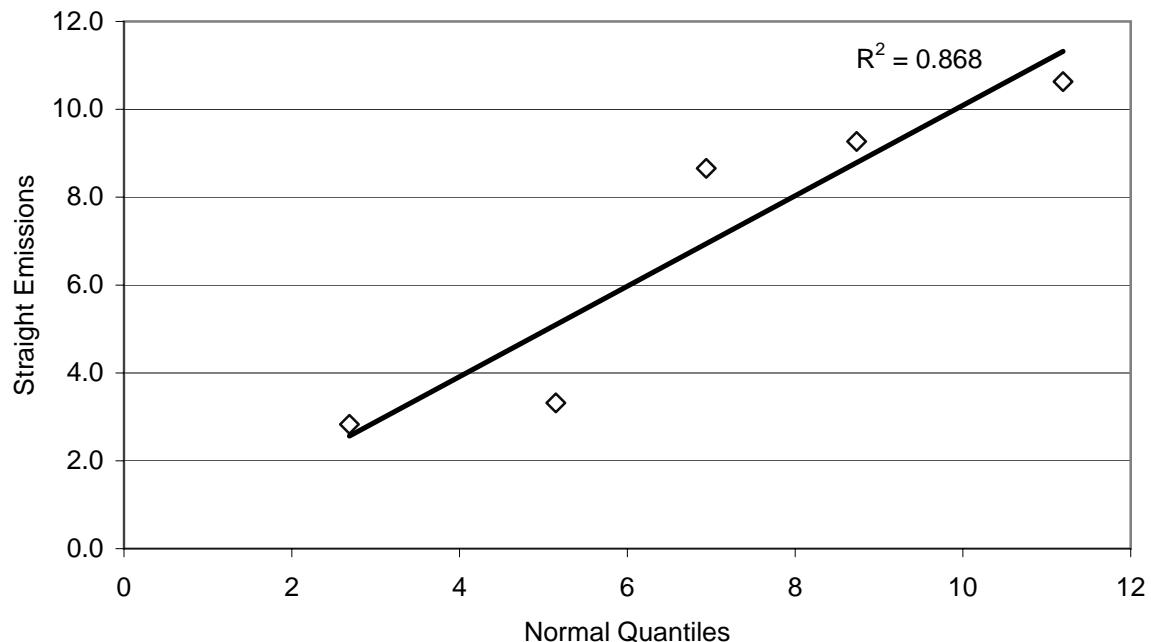
LWAK, Chlorine, SRE-Feed Approach



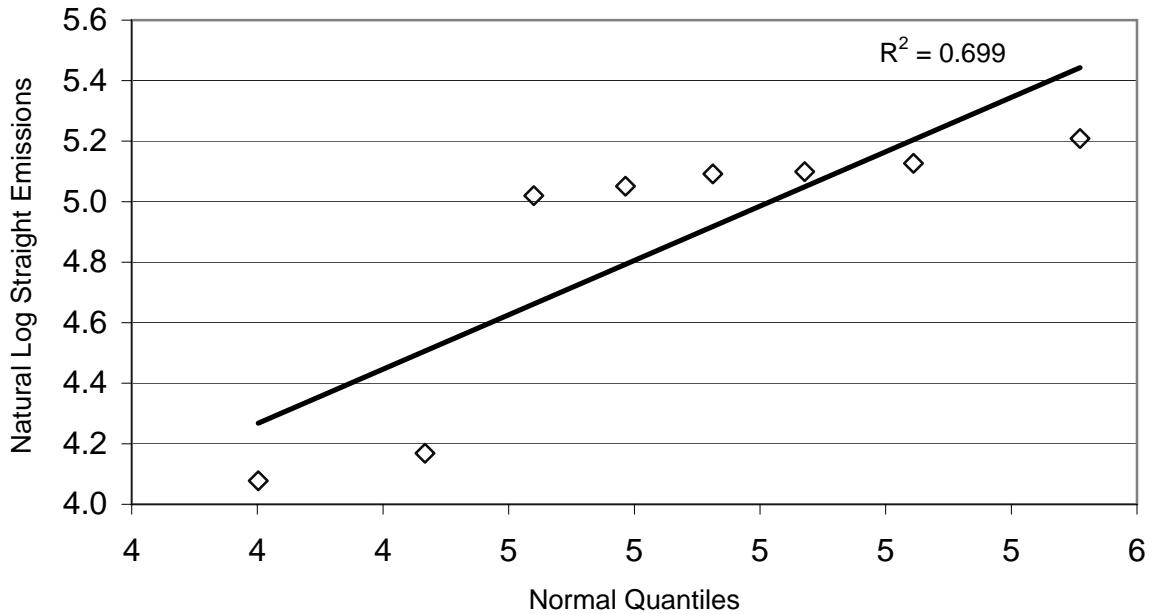
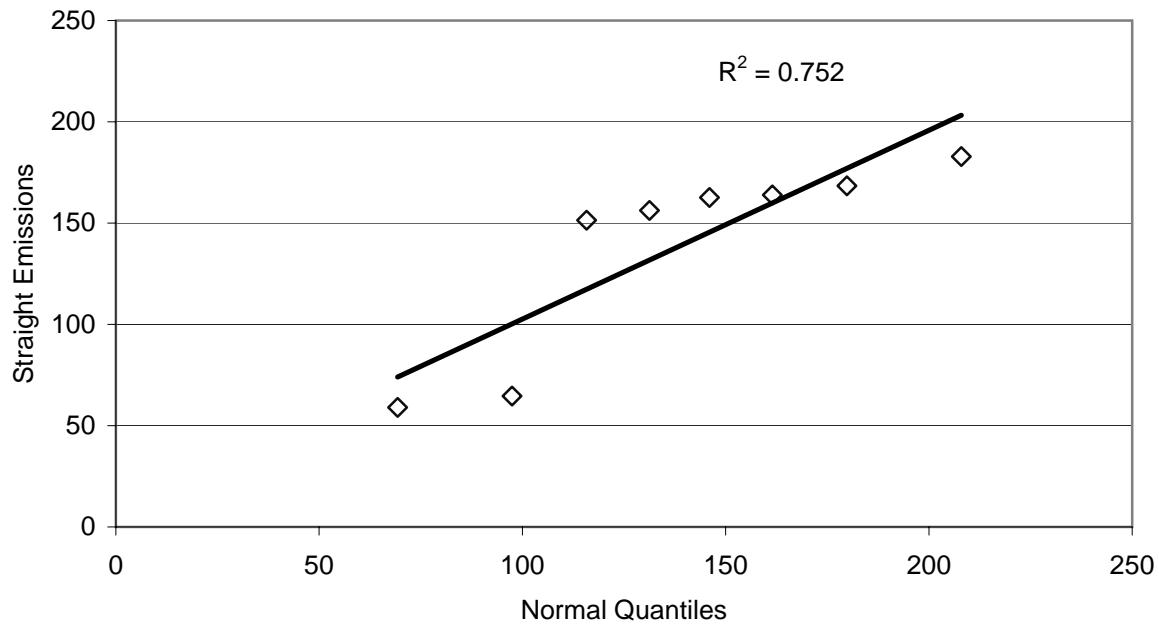
Soldi Fuel Boilers, Particulate Matter, Control Technology Approach



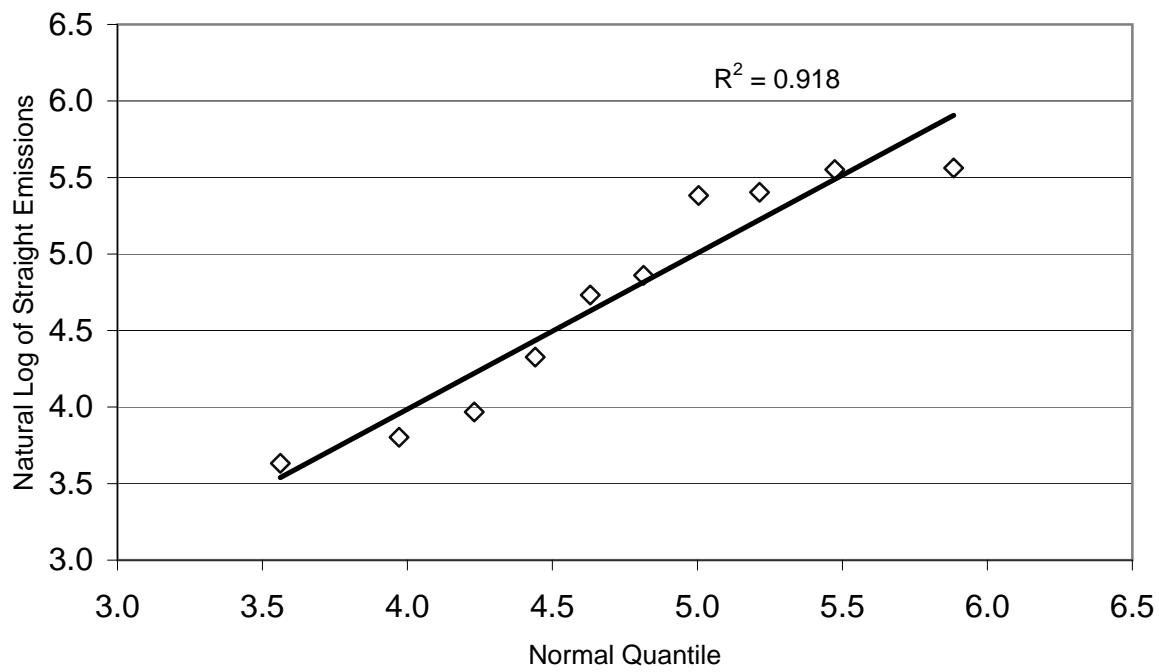
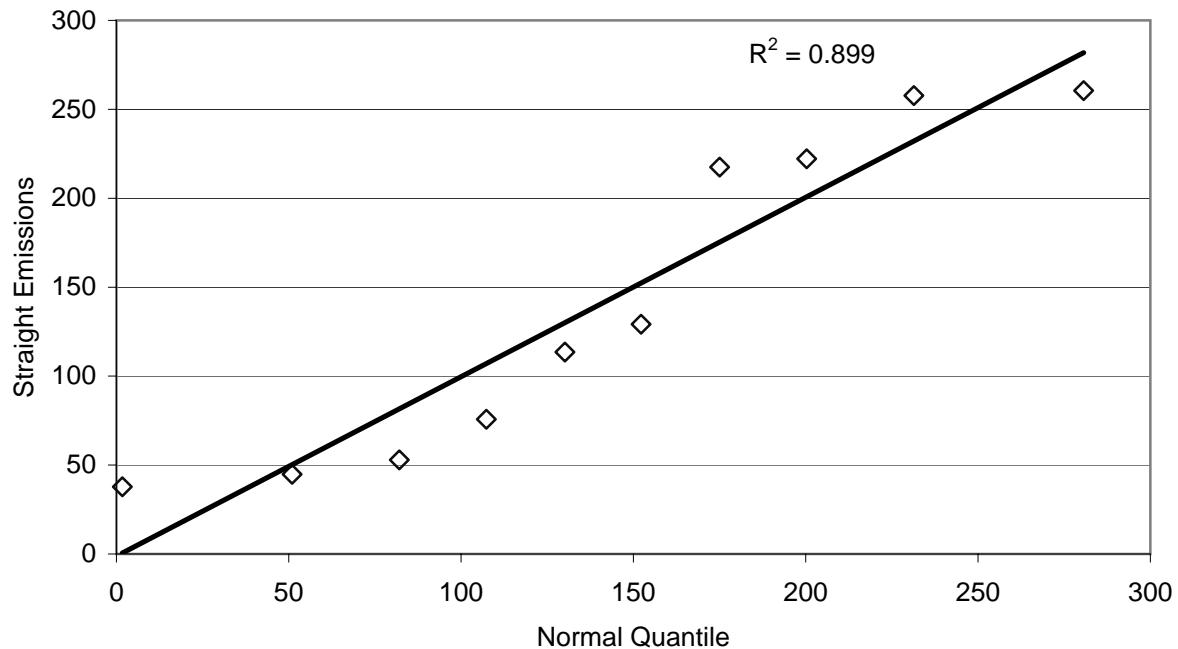
Solid Fuel Boilers, Mercury, SRE-Feedrate Approach



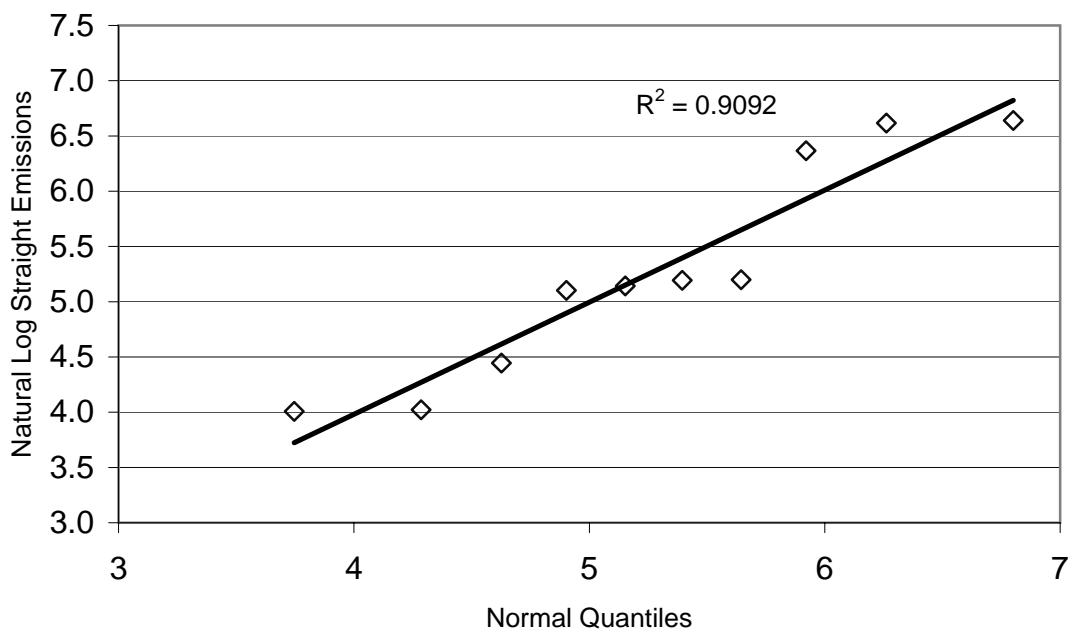
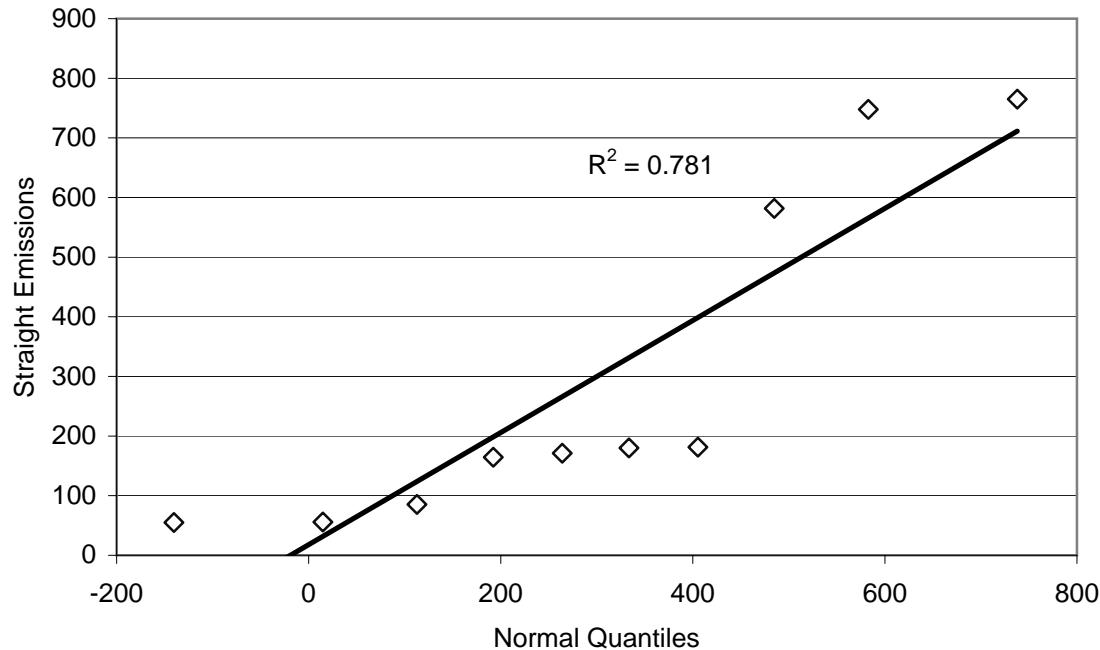
Soldi Fuel Boilers, Semi Volatile Metals, SRE-Feed Approach



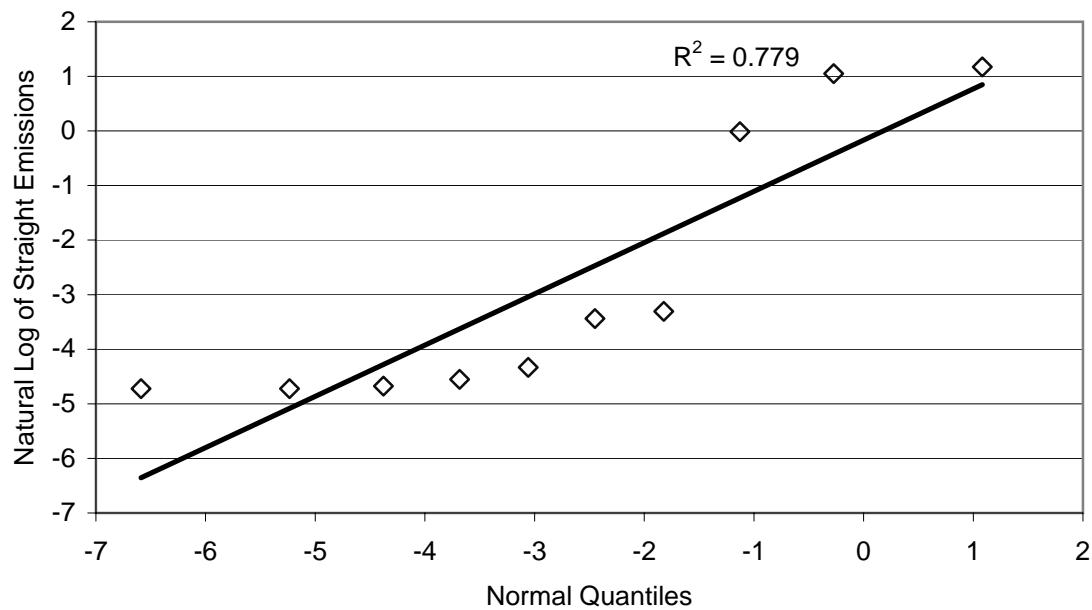
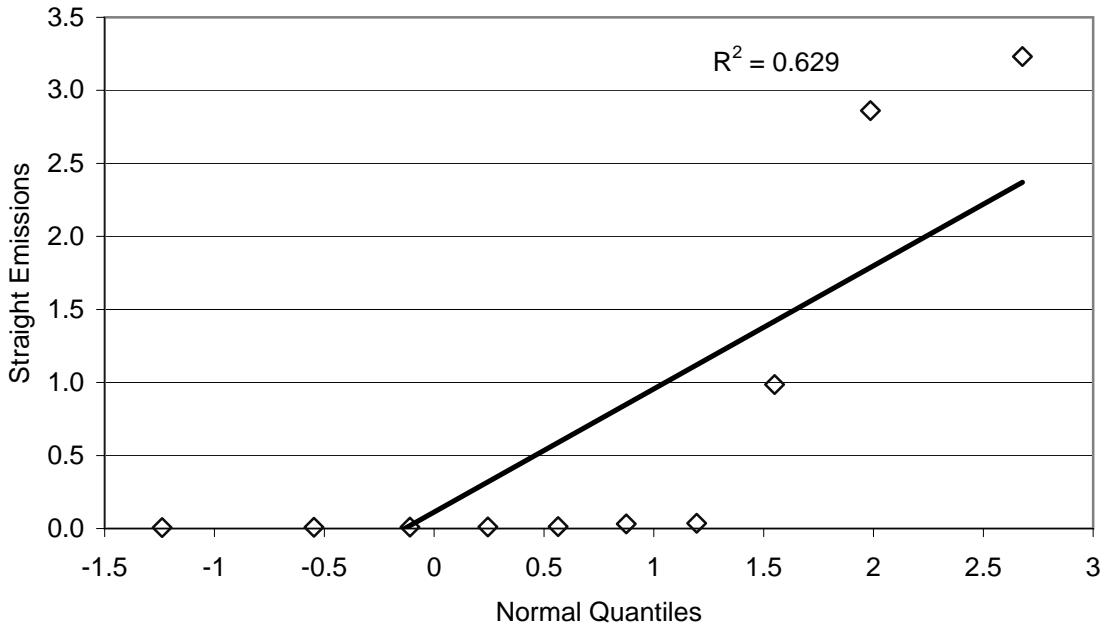
Solid Fuel Boilers, Low Volatile Metals, SRE-Feed Approach



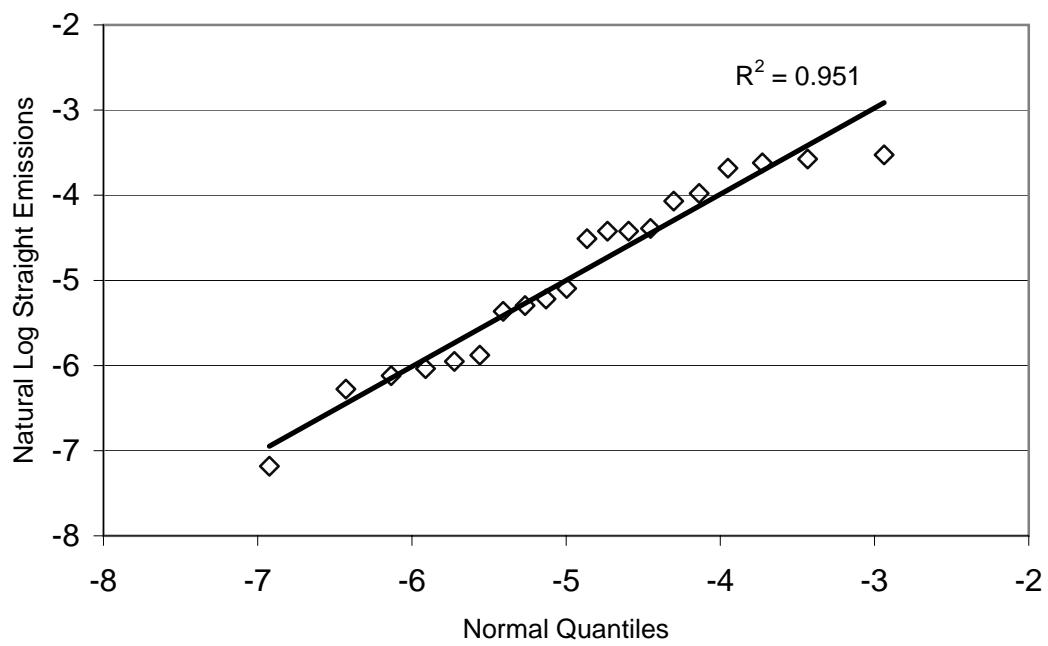
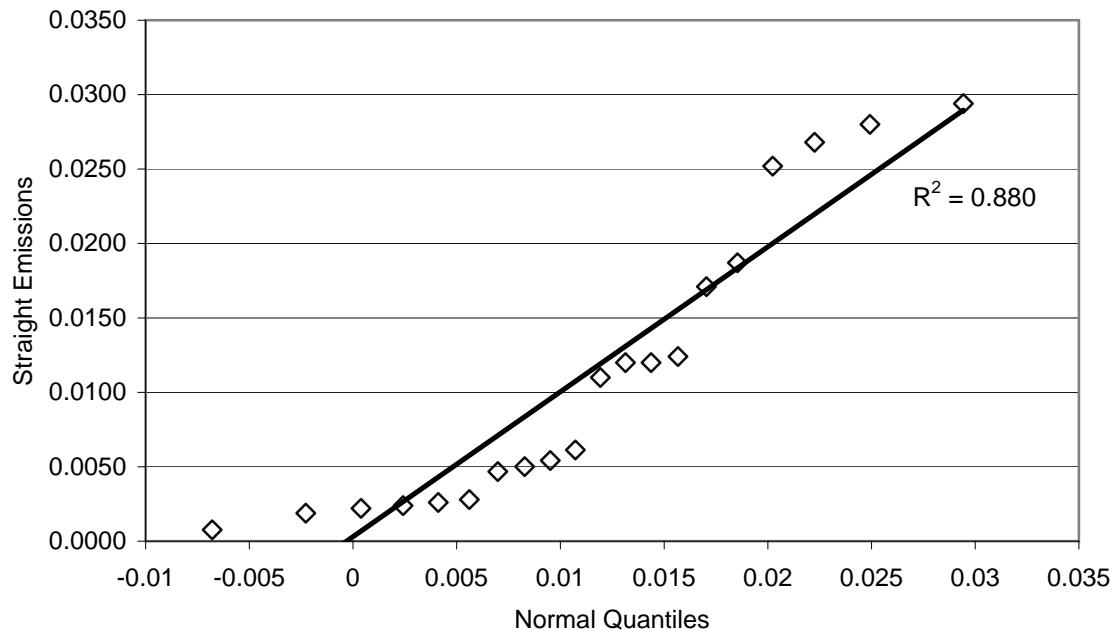
Solid Fuel Boilers, Chlorine, Straight Emissions



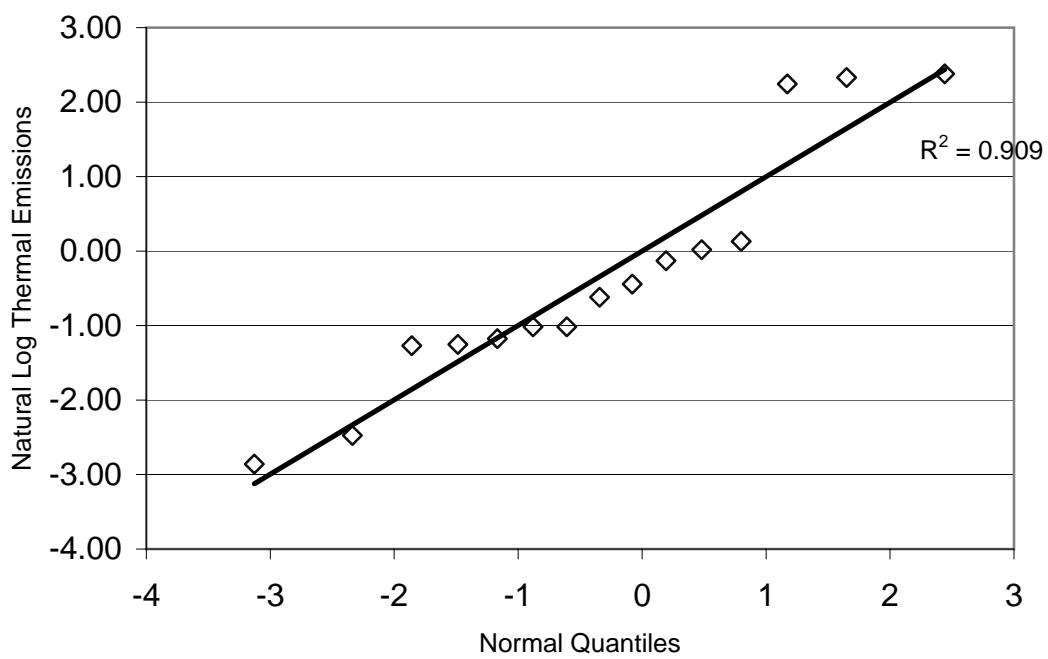
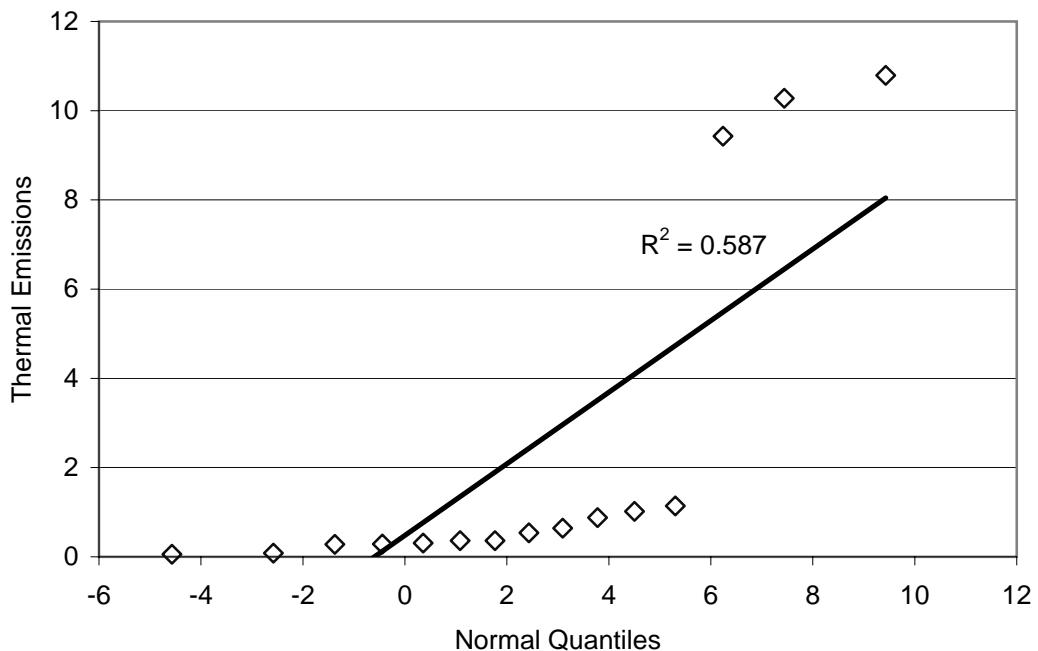
Liquid Fuel Boilers, PCDD/PCDF, Straight Emissions



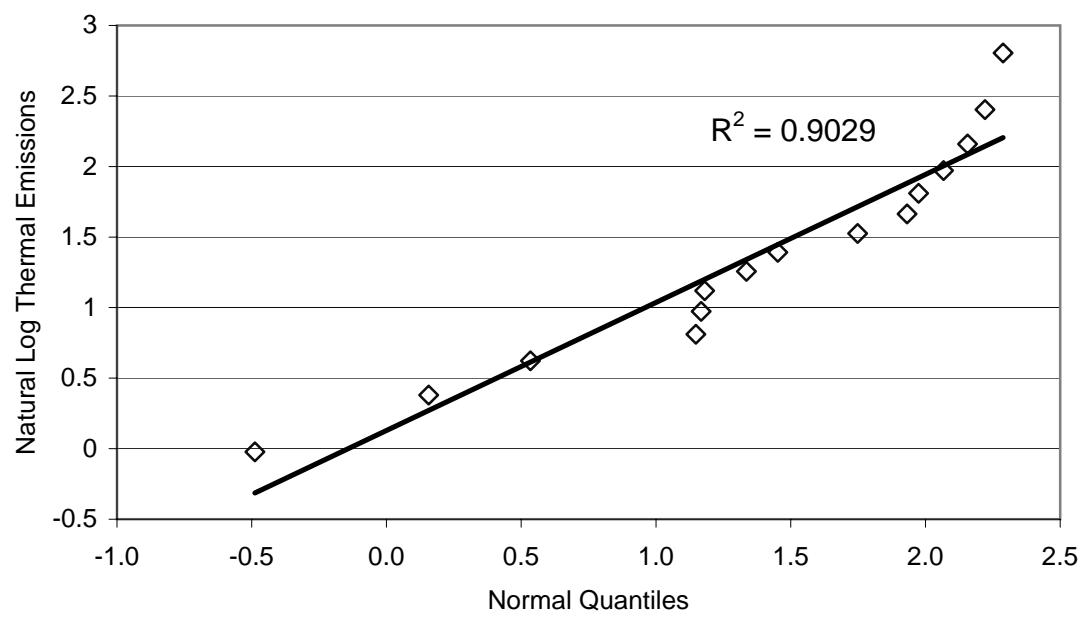
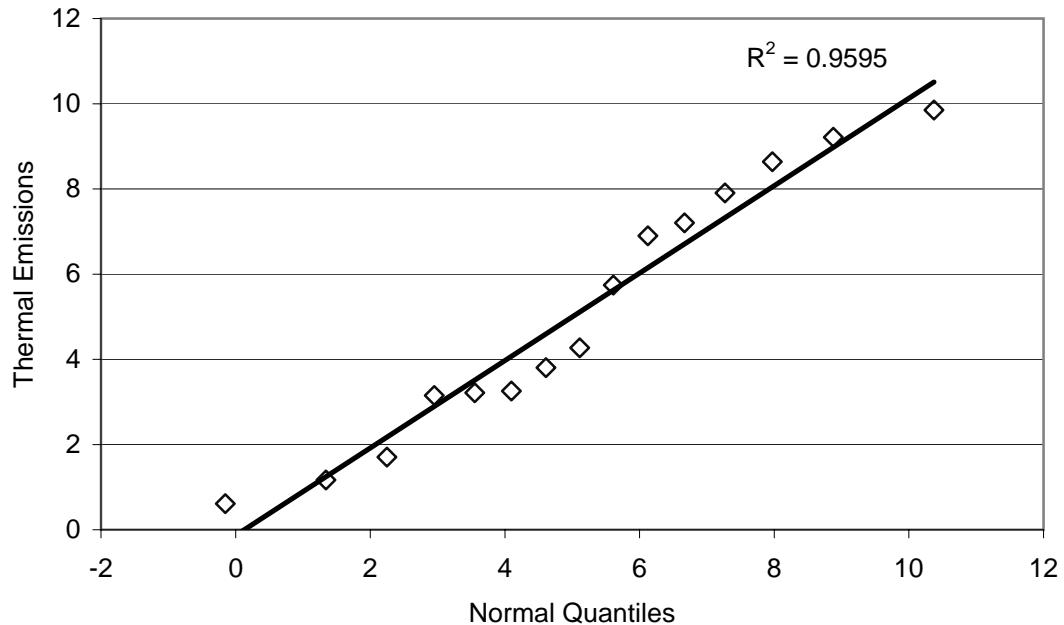
Liquid Fuel Boilers, Particulate Matter, Control Technology Approach



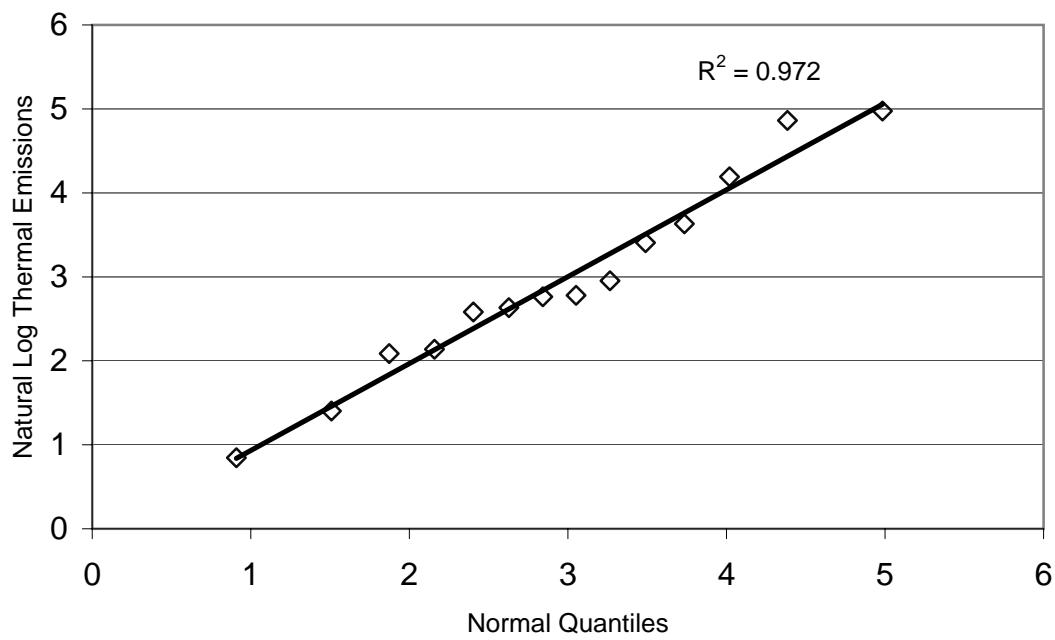
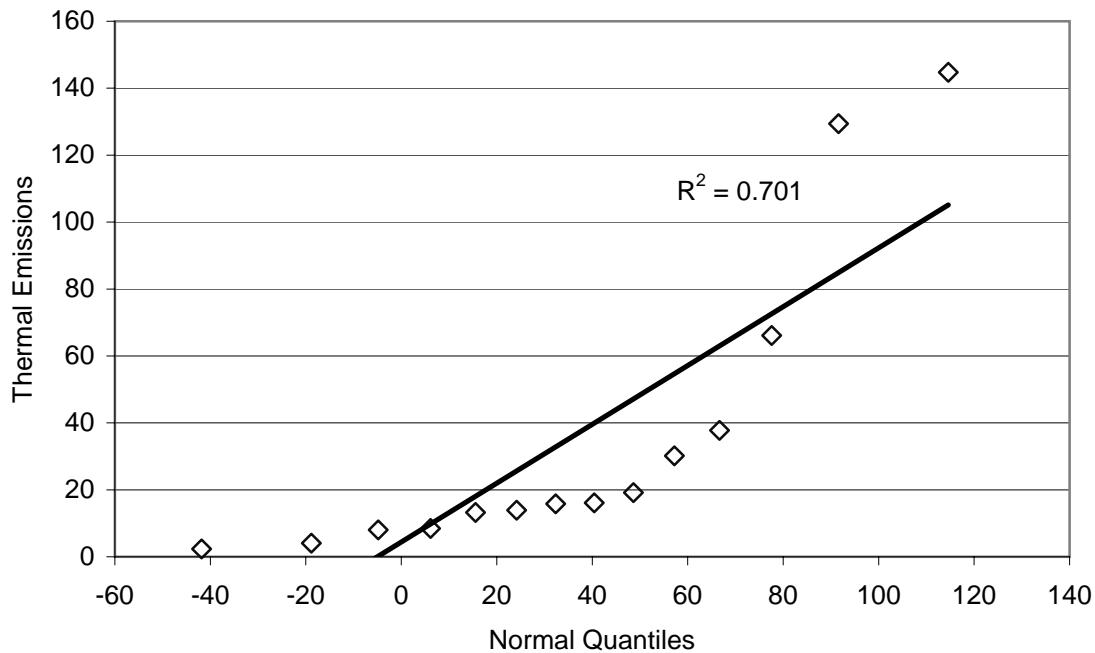
Liquid Fuel Boilers, Mercury, SRE-Feed Approach



Liquid Fuel Boilers, Semi Volatile Metals, Thermal Emissions Approach



Liquid Fuel Boilers, Chromium, SRE-Feed Approach



Liquid Fuel Boilers, Chlorine, SRE-Feed Approach

