

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : BERGEN POINT FUELING SYSTEM

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q1956

ATTENTION : Marcie Ann Encinas



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: Q1956
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SB1-3-4							
Q1956-01	SB1-3-4	SOIL	m/p-Xylenes	1.20	J	1.10	8.80	ug/Kg
Q1956-01	SB1-3-4	SOIL	o-Xylene	0.95	J	0.72	4.40	ug/Kg
			Total Voc :	2.15				
			Total Concentration:	2.15				
Client ID:	SB2-4-5							
Q1956-02	SB2-4-5	SOIL	Trichlorofluoromethane	1.30	J	1.20	4.80	ug/Kg
Q1956-02	SB2-4-5	SOIL	Carbon Disulfide	1.00	J	1.00	4.80	ug/Kg
Q1956-02	SB2-4-5	SOIL	Methylene Chloride	4.50	J	3.40	9.70	ug/Kg
			Total Voc :	6.80				
			Total Concentration:	6.80				
Client ID:	SB91-3-4							
Q1956-06	SB91-3-4	SOIL	Methylene Chloride	3.70	J	3.20	9.00	ug/Kg
			Total Voc :	3.70				
			Total Concentration:	3.70				



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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:

Hit Summary Sheet SW-846

SDG No.: Q1956
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB1-3-4								
Q1956-01	SB1-3-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	190.000	AB	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	Benzophenone *	190.000	J	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	n-Hexadecanoic acid *	290.000	J	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	Octadecanoic acid *	83.500	J	0	0	ug/Kg
Total Tics :				753.50				
Total Concentration:				753.50				
Client ID : SB2-4-5								
Q1956-02	SB2-4-5	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	250.000	AB	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Benzophenone *	150.000	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Cyclotetracosane *	93.900	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Hexathiane *	81.100	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	n-Hexadecanoic acid *	290.000	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	unknown14.563 *	1,100.000	J	0	0	ug/Kg
Total Tics :				1,965.00				
Total Concentration:				1,965.00				
Client ID : SB91-3-4								
Q1956-06	SB91-3-4	SOIL	1-Phenoxypropan-2-ol *	100.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	210.000	AB	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	Benzophenone *	110.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	n-Hexadecanoic acid *	93.400	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	Propylene Glycol *	120.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	unknown14.563 *	590.000	J	0	0	ug/Kg
Total Tics :				1,223.40				
Total Concentration:				1,223.40				
Client ID : FB-05022025								
Q1956-07	FB-05022025	WATER	2-Pentanone, 4-hydroxy-4-methyl *	3.300	AB	0	0	ug/L
Q1956-07	FB-05022025	WATER	Benzophenone *	2.300	J	0	0	ug/L
Q1956-07	FB-05022025	WATER	Butyl citrate *	8.000	J	0	0	ug/L
Q1956-07	FB-05022025	WATER	n-Hexadecanoic acid *	3.000	J	0	0	ug/L
Total Tics :				16.60				
Total Concentration:				16.60				



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Hit Summary Sheet
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SDG No.: Q1956
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			

Hit Summary Sheet
SW-846

SDG No.: Q1956

Order ID: Q1956

Client: CDM Smith

Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB2-4-5								
Q1956-02	SB2-4-5	SOIL	Endrin	0.32	JP	0.15	1.80	ug/kg
			Total Concentration:	0.320				
Client ID : SB91-3-4								
Q1956-06	SB91-3-4	SOIL	alpha-Chlordane	0.32	JP	0.13	1.90	ug/kg
			Total Concentration:	0.320				



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Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

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SDG No.: Q1956

Order ID: Q1956

Client: CDM Smith

Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q1956-02	SB2-4-5 SB2-4-5	SOIL	Aroclor-1254	6.90	JP	3.40	18.1	ug/kg
Total Concentration:				6.900				



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Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



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SDG No.: Q1956

Order ID: Q1956

Client: CDM Smith

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

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SDG No.: Q1956

Order ID: Q1956

Client: CDM Smith

Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB1-3-4								
Q1956-01	SB1-3-4	SOIL	Aluminum	906		0.80	4.78	mg/Kg
Q1956-01	SB1-3-4	SOIL	Arsenic	1.16		0.18	0.96	mg/Kg
Q1956-01	SB1-3-4	SOIL	Barium	3.26	J	0.70	4.78	mg/Kg
Q1956-01	SB1-3-4	SOIL	Beryllium	0.073	J	0.024	0.29	mg/Kg
Q1956-01	SB1-3-4	SOIL	Calcium	341		10.6	95.6	mg/Kg
Q1956-01	SB1-3-4	SOIL	Chromium	2.08		0.045	0.48	mg/Kg
Q1956-01	SB1-3-4	SOIL	Cobalt	0.62	J	0.096	1.43	mg/Kg
Q1956-01	SB1-3-4	SOIL	Copper	1.61		0.21	0.96	mg/Kg
Q1956-01	SB1-3-4	SOIL	Iron	1650		3.82	4.78	mg/Kg
Q1956-01	SB1-3-4	SOIL	Lead	2.91		0.12	0.57	mg/Kg
Q1956-01	SB1-3-4	SOIL	Magnesium	198		11.5	95.6	mg/Kg
Q1956-01	SB1-3-4	SOIL	Manganese	11.7		0.13	0.96	mg/Kg
Q1956-01	SB1-3-4	SOIL	Nickel	1.38	J	0.12	1.91	mg/Kg
Q1956-01	SB1-3-4	SOIL	Potassium	98.2		26.5	95.6	mg/Kg
Q1956-01	SB1-3-4	SOIL	Sodium	1620		17.0	95.6	mg/Kg
Q1956-01	SB1-3-4	SOIL	Vanadium	2.50		0.24	1.91	mg/Kg
Q1956-01	SB1-3-4	SOIL	Zinc	6.53		0.22	1.91	mg/Kg
Client ID : SB2-4-5								
Q1956-02	SB2-4-5	SOIL	Aluminum	834		0.83	4.93	mg/Kg
Q1956-02	SB2-4-5	SOIL	Arsenic	0.93	J	0.19	0.99	mg/Kg
Q1956-02	SB2-4-5	SOIL	Barium	1.99	J	0.72	4.93	mg/Kg
Q1956-02	SB2-4-5	SOIL	Beryllium	0.067	J	0.025	0.30	mg/Kg
Q1956-02	SB2-4-5	SOIL	Calcium	363		10.9	98.6	mg/Kg
Q1956-02	SB2-4-5	SOIL	Chromium	2.65		0.046	0.49	mg/Kg
Q1956-02	SB2-4-5	SOIL	Cobalt	0.52	J	0.099	1.48	mg/Kg
Q1956-02	SB2-4-5	SOIL	Copper	1.60		0.22	0.99	mg/Kg
Q1956-02	SB2-4-5	SOIL	Iron	1720		3.93	4.93	mg/Kg
Q1956-02	SB2-4-5	SOIL	Lead	1.49		0.13	0.59	mg/Kg
Q1956-02	SB2-4-5	SOIL	Magnesium	194		11.8	98.6	mg/Kg
Q1956-02	SB2-4-5	SOIL	Manganese	10.8		0.14	0.99	mg/Kg
Q1956-02	SB2-4-5	SOIL	Mercury	0.0080	J	0.0070	0.013	mg/Kg
Q1956-02	SB2-4-5	SOIL	Nickel	1.34	J	0.13	1.97	mg/Kg
Q1956-02	SB2-4-5	SOIL	Potassium	116		27.3	98.6	mg/Kg
Q1956-02	SB2-4-5	SOIL	Sodium	495		17.5	98.6	mg/Kg
Q1956-02	SB2-4-5	SOIL	Vanadium	2.21		0.25	1.97	mg/Kg
Q1956-02	SB2-4-5	SOIL	Zinc	3.27		0.23	1.97	mg/Kg

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Order ID: Q1956
Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB91-3-4								
Q1956-06	SB91-3-4	SOIL	Aluminum	644		0.88	5.23	mg/Kg
Q1956-06	SB91-3-4	SOIL	Arsenic	0.55	J	0.20	1.05	mg/Kg
Q1956-06	SB91-3-4	SOIL	Barium	1.89	J	0.76	5.23	mg/Kg
Q1956-06	SB91-3-4	SOIL	Beryllium	0.039	J	0.026	0.31	mg/Kg
Q1956-06	SB91-3-4	SOIL	Calcium	195		11.6	105	mg/Kg
Q1956-06	SB91-3-4	SOIL	Chromium	1.98		0.049	0.52	mg/Kg
Q1956-06	SB91-3-4	SOIL	Cobalt	0.44	J	0.11	1.57	mg/Kg
Q1956-06	SB91-3-4	SOIL	Copper	0.90	J	0.23	1.05	mg/Kg
Q1956-06	SB91-3-4	SOIL	Iron	1150		4.17	5.23	mg/Kg
Q1956-06	SB91-3-4	SOIL	Lead	1.69		0.14	0.63	mg/Kg
Q1956-06	SB91-3-4	SOIL	Magnesium	188		12.6	105	mg/Kg
Q1956-06	SB91-3-4	SOIL	Manganese	8.56		0.15	1.05	mg/Kg
Q1956-06	SB91-3-4	SOIL	Mercury	0.015		0.0080	0.014	mg/Kg
Q1956-06	SB91-3-4	SOIL	Nickel	0.99	J	0.14	2.09	mg/Kg
Q1956-06	SB91-3-4	SOIL	Potassium	120		29.0	105	mg/Kg
Q1956-06	SB91-3-4	SOIL	Sodium	1700		18.6	105	mg/Kg
Q1956-06	SB91-3-4	SOIL	Vanadium	1.86	J	0.26	2.09	mg/Kg
Q1956-06	SB91-3-4	SOIL	Zinc	3.27		0.24	2.09	mg/Kg
Client ID : FB-05022025								
Q1956-07	FB-05022025	Water	Aluminum	7.82	J	5.67	50.0	ug/L
Q1956-07	FB-05022025	Water	Iron	72.8		11.7	50.0	ug/L



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SDG No.: Q1956
Client: CDM Smith

Order ID: Q1956
Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP1								
Q1956-05	COMP1	TCLP	Barium	813		72.8	500	ug/L
Q1956-05	COMP1	TCLP	Lead	11.6	J	11.5	60.0	ug/L