Inventory of Quality Control Data for Organic Analyses

Report Title: Brickhouse Environmental
Report Date: 2/16/10
Sampler: " "
Sampling Date: 1/20/10
Number of Samples: 4
Laboratory: Test America
Lab ID: KTA0345
Well ID: Ex. 6 - Personal Privacy
Electronic File Name: Cabot-EPA000001 Brickhouse Feb 16 2010.pdf

Analytical Parameter	Matrix	Method		
		Extraction	Analysis	Modification
Glycols	water	not identified	8015	
Alcohols	water	" "	8015M	Not identified
MBAS	WATER	NA	5540C	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

	Alcohols 4 samples	Glycols 3 samples	MBAS 4 samples
Reporting Level(s)	P	P	P
Laboratory Narrative	M	M	M
Result Forms / Target Compound Identification	P	P	P
Sample Preservation	P	P	P
Holding Time	P	P	P
Instrument Tune	NA	NA	NA
Standards Preparation Logs	M	M	M
Run Logs (includes standards and samples)	M	M	M
Initial Calibration	M	M	M
Continuing Calibration	M	M	M
Laboratory Blanks	M	M	M
Trip Blanks	NA	NA	NA
Field Blanks	M	M	M
Field Duplicates	M	M	M
Surrogate/DMC Recovery	P	P	NA
MS/MSD (%R, RPD)	M	M	M
Laboratory Control Sample	M	M	M
Internal Standard Area	NA	NA	NA
Pesticide/Aroclor Cleanup Checks	NA	NA	NA
Retention Time	M	M	NA
Chromatograms	M	M	NA
Mass Spectra	NA	NA	NA
Example Sample Calculation	M	M	M
Identification of Tentatively Identified Compounds (TICs)	NA	NA	NA
TICs Method of Determination	NA	NA	NA
Dilution Factor	P	P	P
Sample Paperwork (sample tags, chain of custody forms)	P	P	P
Moisture Content (for sediment / soils samples)	NA	NA	NA

January 2012

Inventory of Quality Control Data for Organic Analyses

Report Title: Beckhouse Environmental
Report Date: 2/16/10
Sampler: " "
Sampling Date: 1/20/10
Number of Samples: 10
Laboratory: Test America
Lab ID: KTA0398
Well ID: Ex. 6 - Personal Privacy
Electronic File Name: Cabot-EPA000008 Beckhouse February 16 2010 (2).pdf

Farnelli, Good

Analytical Parameter	Matrix	Method		
		Extraction	Analysis	Modification
Glycol	Water	Not identified	8015	
Alcohols	"	" "	8015M	Not identified
MBAS	"	NA	SS/OC	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

					Alcohols 9 samples	Glycols 10 samples		MBAS 9 samples	
Reporting Level(s)					P	P		P	
Laboratory Narrative					M	M		M	
Result Forms / Target Compound Identification					P	P		P	
Sample Preservation					P	P		P	
Holding Time					P	P		P	
Instrument Tune					NA	NA		NA	
Standards Preparation Logs					M	M		M	
Run Logs (includes standards and samples)					M	M		M	
Initial Calibration					M	M		M	
Continuing Calibration					M	M		M	
Laboratory Blanks					M	M		M	
Trip Blanks					NA	NA		NA	
Field Blanks					M	M		M	
Field Duplicates					M	M		M	
Surrogate/DMC Recovery					P	P		NA	
MS/MSD (%R, RPD)					M	M		M	
Laboratory Control Sample					M	M		M	
Internal Standard Area					NA	NA		NA	
Pesticide/Aroclor Cleanup Checks					NA	NA		NA	
Retention Time					M	M		NA	
Chromatograms					M	M		NA	
Mass Spectra					NA	NA		NA	
Example Sample Calculation					M	M		M	
Identification of Tentatively Identified Compounds (TICs)					NA	NA		NA	
TICs Method of Determination					NA	NA		NA	
Dilution Factor					P	P		P	
Sample Paperwork (sample tags, chain of custody forms)					P	P		P	
Moisture Content (for sediment / soils samples)					NA	NA		NA	

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Inventory of Quality Control Data for Inorganic Analyses

Report Title: Brickhouse Environmental — Report Date: 2/17/10
Sampler: Brickhouse Environmental — Sampling Date: 1/22/10 — Number of Samples: 13
Laboratory: Test America — Lab ID: KTA0367
Well ID: Ex. 6 - Personal Privacy
Electronic File Name: CABOT - EPA 0000 26 Brickhouse February 17, 2010.pdf

Ex. 6 - Personal Privacy (P. 1 of 3)

Analytical Parameter	Matrix	Method: Digestion	Method: Analysis	Modification
(13) Total Metals Se/Hg	Water	Not Known	6000/7000 Series	
Metals (13)	"	Not Known	200.7 7	
Metals (13)	"	Not Known	6020-14	
Bicarbonate/Tds (13)	"	NA	310.1 / SM2540C	
Anions (13)	"	NA	300.A	
Total Cyanide (13)	"	NA	4500-CNE	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

	Metals Se/Hg 6000/7000	Anions	Nitrate/Nitrite	Oil & Grease	Total Cyanide	Metals - 7 200.7	Metals - 14 6020	TDS Bicarbonate
Reporting Level(s)	P	P			P	P	P	P
Laboratory Narrative	M	M			M	M	M	M
Result Forms / Target Analyte Identification	P	P			P	P	P	P
Sample Preservation	P	M			M	P	P	P
Holding Time	P	P			M	P	P	P
Digestion and Distillation Logs	M	NA			NA	M	M	NA
Standards Preparation Logs	M	M			M	M	M	M
Run Logs (includes standards and samples)	M	M			M	M	M	M
Initial Calibration	M	M			M	M	M	M
Continuing Calibration	M	M			M	M	M	NA
Laboratory Blanks	M	M			M	M	M	M
Trip Blanks	NA	NA			NA	NA	NA	NA
Field Blanks	M	M			M	M	M	NA
Field Duplicates	M	M			M	M	M	M
Matrix Spike Recovery	M	M			M	M	M	NA
Laboratory Duplicates	M	M			M	M	M	NA
Laboratory Control Sample	M	M			M	M	M	NA
Internal Standard Area	NA	NA			NA	NA	NA	NA
Method of Standard Addition Results	NA	NA			NA	NA	NA	NA
ICP Serial Dilutions	M	NA			NA	M	M	NA
ICP Interference Check Sample	M	NA			NA	M	M	NA
ICP Inter-element Correction Factors	M	NA			NA	M	M	NA
ICP Linear Ranges	M	NA			NA	M	M	NA
Raw Data (i.e., instrument readouts)	M	NA			NA	M	M	NA
Example Sample Calculation	M	M			M	M	M	M
Dilution Factor	P	P			P	P	P	P
Sample Paperwork (sample tags, chain of custody forms)	P	P			P	P	P	P
% Solids (for sediment / soils samples)	NA	NA			NA	NA	NA	NA

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Inventory of Quality Control Data for Organic Analyses

Report Title: Brickhouse Environmental — Report Date: 2/17/10
Sampler: Brickhouse Environmental — Sampling Date: 1/25/10 — Number of Samples: 13
Laboratory: Test America — Lab ID: KTA0367
Well ID:
Electronic File Name: CABOT - EPA 000020 Brickhouse February 17, 2010.pdf (P. 2 of 3)

Analytical Parameter	Matrix	Method		
		Extraction	Analysis	Modification
O.C. pesticides (3)	water	Not Known	608	
PCBs (3)	"	Not Known	608	
VOCs (13)	"	Not Known	8260B	
SVOA (13)	"	Not Known	8270C	
Oil + Grease (13)	"	method defined	1664A	
Dissolved Gases (13)	"	Not Known	RSK SOP-175	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

	VOA	SVOA	Pesticides	Aroclors	Alcohols	Glycols	Dissolved Gases	MBAS	Oil + Grease
Reporting Level(s)	P	P	P	P			P		P
Laboratory Narrative	M	M	M	M			M		M
Result Forms / Target Compound Identification	P	P	P	P			P		P
Sample Preservation	M	M	M	M			M		M
Holding Time	P	P	P	P			M		P
Instrument Tune (MS)	M	M	NA	NA			NA		NA
Standards Preparation Logs	M	M	M	M			M		M
Run Logs (includes standards and samples)	M	M	M	M			M		M
Initial Calibration	M	M	M	M			M		M
Continuing Calibration	M	M	M	M			M		M
Laboratory Blanks	M	M	M	M			M		M
Trip Blanks	P	NA	NA	NA			M		M
Field Blanks	M	M	M	M			M		M
Field Duplicates	M	M	M	M			M		M
Surrogate/DMC Recovery	P	P	P	P			M		M
MS/MSD (%R, RPD)	M	M	M	M			M		M
Laboratory Control Sample	M	M	M	M			M		M
Internal Standard Area	P	P	NA	NA			NA		NA
Pesticide/Aroclor Cleanup Checks	NA	NA	M	M	NA	NA	NA	NA	NA
Retention Time	M	M	M	M			M		NA
Chromatograms	M	M	M	M			M		NA
Mass Spectra	M	M	NA	NA	NA	NA	NA	NA	NA
Example Sample Calculation	M	M	M	M			M		M
Identification of Tentatively Identified Compounds (TICs)	P	P	NA	NA	NA	NA	NA	NA	NA
TICs Method of Determination	M	M	NA	NA	NA	NA	NA	NA	NA
Dilution Factor	P	P	P	P			P		P
Sample Paperwork (sample tags, chain of custody forms)	P	P	P	P			P		P
Moisture Content (for sediment / soils samples)	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Inventory of Quality Control Data for Inorganic Analyses

Report Title: Brickhouse Environmental
Report Date: 2/17/10
Sampler: Brickhouse Environmental
Sampling Date: 1/22/10
Number of Samples: 13
Laboratory: TEST AMERICA
Lab ID: KTA0267
Well ID:
Electronic File Name: CABOT - EPA 000020 Brickhouse February 17 2010.pdf.
(P. 3 of 3)

Analytical Parameter	Matrix	Method		
		Digestion	Analysis	Modification
(13) Total Organic Carbon	Water		5310C	
(3) " Phenols	"		420.1	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

	Metals	Anions	Nitrate/Nitrite	Oil & Grease	Total Organic Carbon	Total Phenols			
Reporting Level(s)					P	P			
Laboratory Narrative					M	M			
Result Forms / Target Analyte Identification					P	P			
Sample Preservation					M	M			
Holding Time					P	P			
Digestion and Distillation Logs					M	NA			
Standards Preparation Logs					M	M			
Run Logs (includes standards and samples)					M	M			
Initial Calibration					M	M			
Continuing Calibration					M	M			
Laboratory Blanks					M	M			
Trip Blanks					NA	NA			
Field Blanks					M	M			
Field Duplicates					M	M			
Matrix Spike Recovery					M	M			
Laboratory Duplicates					M	M			
Laboratory Control Sample					M	M			
Internal Standard Area					NA	NA			
Method of Standard Addition Results					NA	NA			
ICP Serial Dilutions					NA	NA			
ICP Interference Check Sample					NA	NA			
ICP Inter-element Correction Factors					NA	NA			
ICP Linear Ranges					NA	NA			
Raw Data (i.e., instrument readouts)					M	M			
Example Sample Calculation					M	M			
Dilution Factor					P	P			
Sample Paperwork (sample tags, chain of custody forms)					P	P			
% Solids (for sediment / soils samples)					NA	NA			

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Inventory of Quality Control Data for Organic Analyses

Report Title: TestAmerica Analytical Report
Report Date: 9/13/11
Sampler: URS Corporation
Sampling Date: 8/4/11
Number of Samples: 2
Laboratory: TestAmerica
Lab ID:
Well ID: TC-1, AW-2
* Electronic File Name: CABOT-EPA 000176 TestAmerica Results August 4 2011.pdf

Analytical Parameter	Matrix	Method		
		Extraction	Analysis	Modification
VOA	water	5020	8260B	
SVOA	Water		8270C	
EPB / DBCP				
Glycols				
GRO			8015 B	
Alcohols			8015	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

	VOA	SVOA	Pesticides	Aroclors	Alcohols	Glycols	Dissolved Gases	MBAS	GRO
Reporting Level(s)	P	P				P			P
Laboratory Narrative	P	P				P			P
Result Forms / Target Compound Identification	P	P				P			P
Sample Preservation	P	P							P
Holding Time	P	P							P
Instrument Tune	P	P				NA			P
Standards Preparation Logs	P	P				P			P
Run Logs (includes standards and samples)	P	P				P			P
Initial Calibration	P	P				P			P
Continuing Calibration	P	P				P			P
Laboratory Blanks	P	P				P			P
Trip Blanks	P	NA				NA			NA
Field Blanks	M	M				M			M
Field Duplicates	M	M				M			M
Surrogate/DMC Recovery	P	P				P			P
MS/MSD (%R, RPD)	P	P				P			P
Laboratory Control Sample	P	P				P			P
Internal Standard Area	P	M				NA			
Pesticide/Aroclor Cleanup Checks	NA	NA				NA			NA
Retention Time	P	P				P			P
Chromatograms	P	P				NA			P
Mass Spectra	P	P				NA			P
Example Sample Calculation	M	M							M
Identification of Tentatively Identified Compounds (TICs)	M	M				NA			M
TICs Method of Determination	M	M				NA			M
Dilution Factor	P	P				P			NA
Sample Paperwork (sample tags, chain of custody forms)	P	P				P			P
Moisture Content (for sediment / soils samples)	NA	NA				NA			NA

* Currently being validated by ESAT contractor – report due 2/7/12
Tas

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Inventory of Quality Control Data for Inorganic Analyses

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Report Title: TestAmerica Analytical Report
Report Date: 10/5/11
Sampler: URS Corporation
Sampling Date: 9/1/11
Number of Samples: 12
Laboratory: Test America
Lab ID:
Well ID: H-1, FH-1, FPT-1, S-1, R-1, R-2, RD-1, RU-1, KDE-1, N-1, D-1, Trip Blank
*Electronic File Name: CABOT-EPA 001621 TestAmerica Results September 1 2011.pdf

Analytical Parameter	Matrix	Method		
		Digestion	Analysis	Modification
EAB/DBCP	WATER	MICRO EXTRACTION	8011	
GASES		NA	RSK-175	
METALS		3005A	6020	
ANIONS			300.A	
AMMONIA			350.1	

QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

U = UNKNOWN if method required unable to access

	Metals	Anions Cl^-	Nitrate/Nitrite	Oil & Grease	RSK175 GASES	EAB/DBCP	Ammonia		
Reporting Level(s)	P	P	M	M	P	P	P		
Laboratory Narrative	P	P	M	M	P	P	P		
Result Forms / Target Analyte Identification	P	P			P	P	P		
Sample Preservation	P	P			U	P	P		
Holding Time	P	P			U	P	P		
Digestion and Distillation Logs	P	NA			NA	NA	P		
Standards Preparation Logs	P	P			M	P	P		
Run Logs (includes standards and samples)	P	P			P	P	P		
Initial Calibration	P	P			P	P	P		
Continuing Calibration	P	P			P	P	P		
Laboratory Blanks	P	P			P	P	P		
Trip Blanks	NA	NA			NA	NA	NA		
Field Blanks	M	M			U	M	M		
Field Duplicates	M	M			U	M	M		
Matrix Spike Recovery	P	P			U	P	P		
Laboratory Duplicates	P	P			P	P	P		
Laboratory Control Sample	P	P			P	P	P		
Internal Standard Area	NA	NA			NA	NA	NA		
Method of Standard Addition Results	NA	NA			NA	NA	NA		
ICP Serial Dilutions	P	NA			NA	NA	NA		
ICP Interference Check Sample	P	NA			NA	NA	NA		
ICP Inter-element Correction Factors	M	NA			NA	NA	NA		
ICP Linear Ranges	P	NA			NA	NA	NA		
Raw Data (i.e., instrument readouts)	NA	M			P	P	M		
Example Sample Calculation	M	M			M	M	M		
Dilution Factor	P	P			P	P	P		
Sample Paperwork (sample tags, chain of custody forms)	P	P			P	P	P		
% Solids (for sediment / soils samples)	NA	NA			NA	NA	NA		
Surrogate	NA	NA			NA	P	NA		

* Currently being validated by ESAT contractor - report due 2/7/12 TAS

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