

APPENDIX F

DATA VALIDATION SUMMARY REPORTS

***Data Validation Summary Report
For the Data Collected by IT at the
Ground Scar South of the Autocraft Shop, Parcel 157(7)
Fort McClellan, Calhoun County, Alabama***

1.0 Introduction

Level III data validation was performed on 100% of the environmental samples collected at Parcel GSBP-157. The analytical data consisted of one sample delivery group (SDG), CK815701, which was analyzed by Quanterra Incorporated. The chemical parameters for which the samples were analyzed, are identified below:

Parameter (Method)
Volatile Organic Compounds by SW 846 8260B
Semivolatile Organic Compounds by SW 846-8270C
TAL Metals by SW 846 6010B/7470
Nitroaromatics and Nitramines by SW 846 8330

2.0 Procedures

The sample data were validated following the logic identified in the *USEPA Contract Laboratory Program (CLP) National Functional Guidelines For Inorganic Data Review* (February 1994) and *USEPA Contract Laboratory Program National Functional Guidelines For Organic Review* (October 1999) for all areas except Blanks. *Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (April 1993) and *Region III National Functional Guidelines for Organic Data Review* (June 1992) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria, as identified in the Quality Assurance Plan (QAP), analytical methods, and laboratory Standard Operating Procedures (SOP's) were applied to all sample results. As the result of the use of Update III SW846 test methods for the analytical data and the application of the CLP guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, Gas Chromatograph (GC) and Gas Chromatograph/Mass Spectra (GC/MS) calibration areas and is due to the fact that the analytical methods are "performance-based", and allows the use of average calibration responses, in lieu of, individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as, in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i. e. SW846, CFR, SOP's) and technical judgement, following the logic of the

CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable. The only rejected data ('R' qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, e.g.), which exhibited poor calibration responses in the associated calibration data, and samples that were reanalyzed and have more than one result reported. The R qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for Parcel GSBP-157. It also identifies the 'use' column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions are also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organic Compounds by SW 846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following demonstrated RRFs below 0.1 in the ICAL and/or CCAL: Non-detect results were rejected (qualified 'R'); Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

SDG	Sample Number	Compound	Validation
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Number			Qualifier
CK815701	BQ3035, BQ3036	Bromochloromethane, Dibromomethane, Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone	R

- ‘R’ qualifiers take precedence over estimating qualifiers.

All individual ICAL %RSD>30 and/or CCAL %D>20 were met.

Blanks

The 5X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as “J,” were qualified as estimated ‘J’ unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected ‘R’.

4.2 Semivolatile Organic Compounds by SW 846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20: Non-detect results were estimated (qualified 'UJ'); Unless rejected (qualified 'R') due to ICAL/CCAL minimum RRF criteria not met; Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

SDG Number	Sample Number	Compound	Validation Qualifier
CK815701	BQ3035, BQ3036	4,6-Dinitro-2-Methylphenol, 2,4-Dinitrophenol, bis(2-Ethylhexyl)phthalate	UJ

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results

rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.3 Metals by SW-846 6010B/7471A/7470A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable, with the exception of the following:

SDG Number	Sample Number	Compound	Blank Contaminant	Validation Qualifier
CK815701	BQ3035, BQ3036	Nickel	Method Blank	B
CK815701	BQ3036	Copper	Calibration	B

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable. All QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria were met.

Sample Quantitation

Results quantitated between the IDL and the RL ("B" flagged by the laboratory) were qualified as estimated (J).

4.4 Nitroaromatics and Nitramines by SW 846 8330

Overall, the data are of good quality and are usable as reported by the laboratory with the

exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

ATTACHMENT A

Validation Qualifiers

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

Reason Code	Description
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3035	SW6010	TOTREC	N 0 1	ALUMINUM	.108	mg/L	B	Y Y P	J			15				D478LW	13:48
				ANTIMONY	.06	mg/L	U	N Y U	U							D478LW	13:48
				ARSENIC	.01	mg/L	U	N Y U	U							D478LW	13:48
				BARIUM	.0365	mg/L	B	Y Y P	J							D478LW	13:48
				BERYLLIUM	.005	mg/L	U	N Y U	U							D478LW	13:48
				CADMIUM	.005	mg/L	U	N Y U	U							D478LW	13:48
				CALCIUM	35.3	mg/L		Y Y P								D478LW	13:48
				CHROMIUM	.01	mg/L	U	N Y U	U							D478LW	13:48
				COBALT	.0055	mg/L	B	Y Y P	J							D478LW	13:48
				COPPER	.0404	mg/L		Y Y P								D478LW	13:48
				IRON	2.97	mg/L		Y Y P								D478LW	13:48
				LEAD	.003	mg/L	U	N Y U	U							D478LW	13:48
				MAGNESIUM	30.9	mg/L		Y Y P								D478LW	13:48
				MANGANESE	.669	mg/L		Y Y P								D478LW	13:48
				NICKEL	.0177	mg/L	B	Y Y F	B			06A 15				D478LW	13:48
				POTASSIUM	2.42	mg/L	B	Y Y P	J							D478LW	13:48
				SELENIUM	.005	mg/L	U	N Y U	U							D478LW	13:48
				SILVER	.01	mg/L	U	N Y U	U							D478LW	13:48
				SODIUM	8.46	mg/L		Y Y P								D478LW	13:48
				THALLIUM	.01	mg/L	U	N Y U	U							D478LW	13:48
				VANADIUM	.05	mg/L	U	N Y U	U							D478LW	13:48
				ZINC	.003	mg/L	B	Y Y P	J			15				D478LW	13:48
				MERCURY	.0002	mg/L	U	N Y U	U							D478LW	12:07
SW7470	TOTAL	N 0 1		1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y U	R			04A 05A				D478LW	01:24
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y U	U							D478LW	01:24
				1,4-DICHLOROBENZENE	.001	mg/L	U	N Y U	U							D478LW	01:24

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3035	SW8260	SW5030	N 0 1	2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				2-BUTANONE	.005	mg/L	U	N Y	U	R	04A	05A				D478LW	01:24
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				2-HEXANONE	.005	mg/L	U	N Y	U	U						D478LW	01:24
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				4-METHYL-2-PENTANONE	.005	mg/L	U	N Y	U	U						D478LW	01:24
				ACETONE	.01	mg/L	U	N Y	U	R	04A	05A				D478LW	01:24
				BENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				BROMOBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	R	04A	05A				D478LW	01:24
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				BROMOFORM	.001	mg/L	U	N Y	U	U						D478LW	01:24
				BROMOMETHANE	.002	mg/L	U	N Y	U	U						D478LW	01:24
				CARBON DISULFIDE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CHLOROBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CHLORODIBROMOMETHANE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CHLOROETHANE	.002	mg/L	U	N Y	U	U						D478LW	01:24
				CHLOROFORM	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CHLOROMETHANE	.00015	mg/L	J	Y Y	P	J		15				D478LW	01:24
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				DIBROMOMETHANE	.001	mg/L	U	N Y	U	R	04A	05A				D478LW	01:24
				DICHLORODIFLUOROMETHANE	.002	mg/L	U	N Y	U	U						D478LW	01:24
				ETHYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				HEXAChLOROBUTADIENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				ISOPROPYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				M-XYLENE & P-XYLENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				METHYLENE CHLORIDE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				N-BUTYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				N-PROPYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				NAPHTHALENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				O-XYLENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				P-ISOPROPYLtolUENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				STYRENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TETRACHLOROETHENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TOLUENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TRICHLOROETHENE	.001	mg/L	U	N Y	U	U						D478LW	01:24
				TRICHLOROFUOROMETHANE	.002	mg/L	U	N Y	U	U						D478LW	01:24
				VINYL CHLORIDE	.002	mg/L	U	N Y	U	U						D478LW	01:24

Validation Qualifier Data Entry Verification

Run Date: May 31, 2001

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3035	SW8270	SW3520	N 0 1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,4-DINITROPHENOL	.05	mg/L	U	N	Y	U	UJ			05B		D478LW	22:12
				2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				2-NITROANILINE	.05	mg/L	U	N	Y	U	U					D478LW	22:12
				2-NITROPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				3,3'-DICHLOROBENZIDINE	.05	mg/L	U	N	Y	U	U					D478LW	22:12
				3-NITROANILINE	.05	mg/L	U	N	Y	U	U					D478LW	22:12
				4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U	N	Y	U	UJ			05B		D478LW	22:12
				4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				4-NITROANILINE	.05	mg/L	U	N	Y	U	U					D478LW	22:12
				4-NITROPHENOL	.05	mg/L	U	N	Y	U	U					D478LW	22:12
				ACENAPHTHENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				ANTHRACENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BENZ(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BENZO(GHI)PERYLENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				BIS(2-ETHYLHEXYL) PHTHALATE	.01	mg/L	U	N	Y	U	UJ			05B		D478LW	22:12
				BUTYL BENZYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				CARBAZOLE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				CHRYSENE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				DI-N-BUTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D478LW	22:12
				DI-N-OCTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D478LW	22:12

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
BQ3035	SW8270	SW3520	N 0 1	DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				DIBENZOFURAN	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				DIETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				DIMETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				FLUORANTHENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				FLUORENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				HEXACHLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y	U	U						D478LW	22:12
				HEXAChLOROETHANE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				ISOPHORONE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				NAPHTHALENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				NITROBENZENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				PENTACHLOROPHENOL	.05	mg/L	U	N	Y	U	U						D478LW	22:12
				PHENANTHRENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				PHENOL	.01	mg/L	U	N	Y	U	U						D478LW	22:12
				PYRENE	.01	mg/L	U	N	Y	U	U						D478LW	22:12
SW8330	METHOD	N 0 1		1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				1,3-DINITROBENZENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				2-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				3-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				4-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				HMX	.0005	mg/L	U	N	Y	U	U						D478LW	22:37
				NITROBENZENE	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
				RDX	.0005	mg/L	U	N	Y	U	U						D478LW	22:37
				TETRYL	.0002	mg/L	U	N	Y	U	U						D478LW	22:37
BQ3036	SW6010	TOTREC	N 0 1	ALUMINUM	.336	mg/L		Y	Y	P							D478RW	13:52
				ANTIMONY	.06	mg/L	U	N	Y	U	U						D478RW	13:52
				ARSENIC	.01	mg/L	U	N	Y	U	U						D478RW	13:52
				BARIUM	.0291	mg/L	B	Y	Y	P	J				15		D478RW	13:52
				BERYLLIUM	.005	mg/L	U	N	Y	U	U						D478RW	13:52
				CADMIUM	.005	mg/L	U	N	Y	U	U						D478RW	13:52
				CALCIUM	27	mg/L		Y	Y	P							D478RW	13:52
				CHROMIUM	.01	mg/L	U	N	Y	U	U						D478RW	13:52
				COBALT	.0023	mg/L	B	Y	Y	P	J				15		D478RW	13:52

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3036	SW6010	TOTREC	N 0 1	COPPER	.0037	mg/L	B	Y Y F	B	06A 15	D478RW	13:52					
				IRON	1.55	mg/L		Y Y P									
				LEAD	.003	mg/L	U	N Y U	U								
				MAGNESIUM	21.2	mg/L		Y Y P									
				MANGANESE	.445	mg/L		Y Y P									
				NICKEL	.0066	mg/L	B	Y Y F	B		D478RW	13:52					
				POTASSIUM	2.25	mg/L	B	Y Y P	J		D478RW	13:52					
				SELENIUM	.005	mg/L	U	N Y U	U		D478RW	13:52					
				SILVER	.01	mg/L	U	N Y U	U		D478RW	13:52					
				SODIUM	19.8	mg/L		Y Y P			D478RW	13:52					
				THALLIUM	.01	mg/L	U	N Y U	U		D478RW	13:52					
				VANADIUM	.05	mg/L	U	N Y U	U		D478RW	13:52					
				ZINC	.0152	mg/L	B	Y Y P	J	15	D478RW	13:52					
SW7470	TOTAL	N 0 1		MERCURY	.0002	mg/L	U	N Y U	U		D478RW	12:09					
SW8260	SW5030	N 0 1		1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y U	R	04A 05A	D478RW	01:51					
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				1,4-DICHLOROBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				2-BUTANONE	.005	mg/L	U	N Y U	R	04A 05A	D478RW	01:51					
				2-CHLOROTOLUENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				2-HEXANONE	.005	mg/L	U	N Y U	U		D478RW	01:51					
				4-CHLOROTOLUENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				4-METHYL-2-PENTANONE	.005	mg/L	U	N Y U	U		D478RW	01:51					
				ACETONE	.01	mg/L	U	N Y U	R	04A 05A	D478RW	01:51					
				BENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					
				BROMOBENZENE	.001	mg/L	U	N Y U	U		D478RW	01:51					

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	1	2	3										1	2	3	4		
BQ3036	SW8260	SW5030	N 0 1	BROMOCHLOROMETHANE	.001	mg/L	U	N Y U	R			04A	05A			D478RW	01:51	
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				BROMOFORM	.001	mg/L	U	N Y U	U							D478RW	01:51	
				BROMOMETHANE	.002	mg/L	U	N Y U	U							D478RW	01:51	
				CARBON DISULFIDE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CHLOROBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CHLORODIBROMOMETHANE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CHLOROETHANE	.002	mg/L	U	N Y U	U							D478RW	01:51	
				CHLOROFORM	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CHLOROMETHANE	.00011	mg/L	J	Y Y P	J			15				D478RW	01:51	
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				DIBROMOMETHANE	.001	mg/L	U	N Y U	R			04A	05A			D478RW	01:51	
				DICHLORODIFLUOROMETHANE	.002	mg/L	U	N Y U	U							D478RW	01:51	
				ETHYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				ISOPROPYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				M-XYLENE & P-XYLENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				METHYLENE CHLORIDE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				N-BUTYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				N-PROPYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				NAPHTHALENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				O-XYLENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				STYRENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TETRACHLOROETHENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TOLUENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TRICHLOROETHENE	.001	mg/L	U	N Y U	U							D478RW	01:51	
				TRICHLOROFUOROMETHANE	.002	mg/L	U	N Y U	U							D478RW	01:51	
				VINYL CHLORIDE	.002	mg/L	U	N Y U	U							D478RW	01:51	
SW8270	SW3520	N 0 1		1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N Y U	U							D478RW	22:35	
				1,2-DICHLOROBENZENE	.01	mg/L	U	N Y U	U							D478RW	22:35	
				1,3-DICHLOROBENZENE	.01	mg/L	U	N Y U	U							D478RW	22:35	
				1,4-DICHLOROBENZENE	.01	mg/L	U	N Y U	U							D478RW	22:35	
				2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U	N Y U	U							D478RW	22:35	
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N Y U	U							D478RW	22:35	
				2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N Y U	U							D478RW	22:35	
				2,4-DICHLOROPHENOL	.01	mg/L	U	N Y U	U							D478RW	22:35	

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3036	SW8270	SW3520	N 0 1	2,4-DIMETHYLPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2,4-DINITROPHENOL	.05	mg/L	U	N Y	U	UJ						D478RW	22:35
				2,4-DINITROTOLUENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2,6-DINITROTOLUENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2-CHLORONAPHTHALENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2-CHLOROPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2-METHYLNAPHTHALENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2-METHYLPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				2-NITROANILINE	.05	mg/L	U	N Y	U	U						D478RW	22:35
				2-NITROPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				3,3'-DICHLOROBENZIDINE	.05	mg/L	U	N Y	U	U						D478RW	22:35
				3-NITROANILINE	.05	mg/L	U	N Y	U	U						D478RW	22:35
				4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U	N Y	U	UJ						D478RW	22:35
				4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N Y	U	U						D478RW	22:35
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				4-CHLOROANILINE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N Y	U	U						D478RW	22:35
				4-METHYLPHENOL	.01	mg/L	U	N Y	U	U						D478RW	22:35
				4-NITROANILINE	.05	mg/L	U	N Y	U	U						D478RW	22:35
				4-NITROPHENOL	.05	mg/L	U	N Y	U	U						D478RW	22:35
				ACENAPHTHENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				ACENAPHTHYLENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				ANTHRACENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BENZ(A)ANTHRACENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BENZO(A)PYRENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BENZO(GH)PERYLENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BIS(2-CHLOROETHoxy)METHANE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N Y	U	U						D478RW	22:35
				BIS(2-ETHYLHEXYL) PHTHALATE	.01	mg/L	U	N Y	U	UJ						D478RW	22:35
				BUTYL BENZYL PHTHALATE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				CARBAZOLE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				CHRYSENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DI-N-BUTYL PHTHALATE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DI-N-OCTYL PHTHALATE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DIBENZOFURAN	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DIETHYL PHTHALATE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				DIMETHYL PHTHALATE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				FLUORANTHENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				FLUORENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				HEXACHLOROBENZENE	.01	mg/L	U	N Y	U	U						D478RW	22:35
				HEXACHLOROBUTADIENE	.01	mg/L	U	N Y	U	U						D478RW	22:35

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
BQ3036	SW8270	SW3520	N 0 1	HEXAChLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y	U	U					D478RW	22:35
				HEXAChLOROETHANE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				ISOPHORONE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				NAPHTHALENE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				NITROBENZENE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				PENTACHLOROPHENOL	.05	mg/L	U	N	Y	U	U					D478RW	22:35
				PHENANTHRENE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				PHENOL	.01	mg/L	U	N	Y	U	U					D478RW	22:35
				PYRENE	.01	mg/L	U	N	Y	U	U					D478RW	22:35
	SW8330	METHOD	N 0 1	1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				1,3-DINITROBENZENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				2-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				3-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				4-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				HMX	.0005	mg/L	U	N	Y	U	U					D478RW	22:50
				NITROBENZENE	.0002	mg/L	U	N	Y	U	U					D478RW	22:50
				RDX	.0005	mg/L	U	N	Y	U	U					D478RW	22:50
				TETRYL	.0002	mg/L	U	N	Y	U	U					D478RW	22:50

Data Validation Summary Report
For the Site Investigation Performed at the
“Ground Scar South of Auto Craft Shop” (Parcel GSBP-157)
QST Site SI12
Fort McClellan, Calhoun County, Alabama

1.0 Introduction

Level III data validation was performed on 100% of the environmental samples collected by QST for Site SI12. The analytical data consisted of several SDG's, which were analyzed by QST Environmental and Savannah Laboratories (soil samples for VOC analysis). The chemical parameters for which the samples were analyzed and validated are identified below:

Parameter (Method)
Volatile Organic Compounds by SW846 8260B
Semivolatile Organic Compounds by SW846 8270C
Inorganic Compounds (TAL Metals) by SW846 6010B
Inorganic Compounds (Mercury) by SW846 7471/7470
Organochlorine Pesticides/PCBs by SW846 8081A
Explosives by SW846-8330
Wet Chemistry Total Organic Carbon by SW846 9060

2.0 Procedures

The sample data were validated following the logic identified in the USEPA 540/R-94-013 *Contract Laboratory Program (CLP) National Functional Guidelines For Inorganic Data Review (February 1994)* and USEPA 540/R-99/008 *Contract Laboratory Program National Functional Guidelines For Organic Review (October 1999)* for all areas except Blanks. *Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (April 1993)* and *Region III National Functional Guidelines for Organic Data Review (June 1992)* were applied to the areas associated with blank contamination. Specific quality control (QC) criteria, as identified in the Quality Assurance Plan (QAP) and data deliverables were applied to all sample results. It should be noted where there were discrepancies in the QC criteria identified in the QAP and the data deliverables, the QC criteria identified in the data deliverables was applied. It should also be noted that the range for QC criteria was not always identified in the deliverables. The lab “flagged” the data that did not meet acceptance criteria. In these cases, the data were qualified to indicate the bias. Biased low results were estimated (qualified “J/UJ”) and biased high resulted only in positive results being estimated (qualified “J”).

The data validation process not only included a thorough review of the data deliverables, which resulted in validation qualifiers being applied, but also included a detailed evaluation of the

electronic results for the historical QST data which were downloaded from the “Installation Restoration Data Information Management System (IRDIMS)”. During this evaluation it was discovered that various electronic results, which were actually detected hits below the Reporting Limits (RL), were reported as non-detects. These results were changed in the database to reflect the actual concentration from the quantitation reports found in the data deliverable and qualified as estimated values below the RL. During the comparison of the hard copy and electronic data, it was also determined that non-detect reported concentrations for soil samples reported electronically were not corrected for moisture content and the hard copy used the correct moisture content to report results on an as received basis.

As the result of the use of Update III SW846 test methods for the analytical data and the application of the CLP guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, Gas Chromatograph (GC) and Gas Chromatograph/Mass Spectra (GC/MS) calibration areas and is due to the fact that the analytical methods are “performance-based”, and allows the use of average calibration responses, in lieu of, individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as, in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements and technical judgement, following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable. The only rejected data (“R”) qualified) were “poor performing” volatile compounds (ketones, some halogenated hydrocarbons, e.g.), which exhibited poor calibration responses in the associated calibration data, semivolatile compounds which experienced low laboratory control sample recoveries, and samples that were reanalyzed and have more than one result reported. The “R” qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for Site SI12. It also identifies the ‘use’ column, which indicates which result to use in the event of a reanalysis. A listing of the

validation qualifiers and the reason codes, along with their definitions are also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organic Compounds by SW846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following demonstrated RRFs below 0.1 in the ICAL and/or CCAL or Correlation Coefficient ($R^2 < 0.990$): Non-detect results were rejected (qualified 'R'); Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

SDG Number	Sample Number	Compound	Validation Qualifier
XEFR QST01	12-SS01A, 12-SS01B, 12-SS02A, 12-SS02B, 12-SS03A, 12-SS03B, 12-SS04, 12-SS05, 12-SS06	Bromomethane	R

All sample criteria for individual ICAL %RSD>30 and/or CCAL %D>20 was found to be acceptable with the exception of the following:

SDG Number	Sample Number	Compound	Validation Qualifier
XEFR QST01	12-SS01A, 12-SS02A, 12-SS02B	1,1,2,2-Tetrachloroethane, 2-Butanone, 2-Hexanone, Chloroethane	UJ
XEFR QST01	12-SS01B	Styrene, Xylene(Total)	UJ/J
XEFR QST01	12-SS01A, 12-SS02A, 12-SS02B, 12-SS03A, 12-SS03B, 12-SS04, 12-SS05, 12-SS06	Bromomethane	R

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable, with the exception of the following:

SDG Number	Sample Number	Compound	Blank Contaminant	Validation Qualifier
XEFR QST01	12-SS03A, 12-SS03B, 12-SS06	Acetone	Method/TB	B

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates applied.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.2 Semivolatile Organic Compounds by SW846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the exception of the following:

The following exhibited individual ICAL %RSD>30 and/or CCAL %D>20: Non-detect results were estimated (qualified 'UJ'); Unless rejected (qualified 'R') due to ICAL/CCAL minimum RRF criteria not met; Positive results were estimated (qualified 'J'); Unless 'B' qualified due to blank contamination.

SDG Number	Sample Number	Compound	Validation Qualifier
XEZO	12-SS01B, 12-SS02A, 12-SS02B, 12-SS01A	3,3'-Dichlorobenzidine	UJ
XEAP	12-SS03B	Butylbenzyl phthalate, Bis(2-Ethylhexyl)phthalate	UJ
	12-SS03A, 12-SS04	Dibenz(a,h)anthracene, Bis(2-Ethylhexyl)phthalate	UJ

Blanks

The 5X/10X rule for contaminants found in the associated method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

SDG Number	Sample Number	Compound	Blank Contaminant	Validation Qualifier
XEBP	12-SS05, 12-SS06,	Bis(2-Ethylhexyl)phthalate	Method	B

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges for the surrogates.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met with the exception of

the following:

SDG Number	Sample Number	Compound	Validation Qualifier
XEAP	12-SS03A, 12-SS03B, 12-SS04	Hexachlorocyclopentadiene	R

Internal Standards

All internal standards met QC criteria.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.3 Metals by SW846 6010B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable with the exception of the following:

SDG Number	Sample Number	Compound	Blank Contaminant	Validation Qualifier
SLOO	12-SS03B , 12-SS01A, 12-SS02B, 12-SS04, 12-SS05	Thallium	Calibration	B

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met with the exception of the following:

SDG	Sample Number	Compound	Validation

Number			Qualifier
SLOO	12-SS01A	Antimony, Chromium, Copper	J

Post Digestion Spike

Post digestion spike was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable. All QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions with the exception of the following:

SDG Number	Sample Number	Compound	Validation Qualifier
SLOO	12-SS01A	Nickel	J

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Sample Quantitation

Results quantitated between the IDL and the RL were qualified as estimated (J) unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.4 Mercury by SW846 7471/7470

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample (LCS)

LCS was performed for the project samples and all QC criteria were met.

Interference Check Sample (ICS)

All ICS % recoveries were acceptable. All QC criteria were met.

ICP Serial Dilutions

All QC criteria were met for the serial dilutions.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Sample Quantitation

Results quantitated between the IDL and the RL were qualified as estimated (J) unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.5 Organochlorine Pesticides by SW846 8081A

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were

met.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

4.6. Explosives by SW846 8330

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated blanks was applied to all sample results.

All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries are within acceptable QC ranges.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as

rejected 'R'.

4.7 Wet Chemistry TOC by SW846 9060

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all project samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated blanks was applied to all sample results.

All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples and all QC criteria were met.

Laboratory Control Sample

LCS was performed for the project samples and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and all QC criteria (35% water/50% soil) were met.

Quantitation

Results quantified between the MDL and the RL were qualified as estimated 'J' unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected 'R'.

ATTACHMENT A

Validation Qualifiers

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the “nondetect” may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

Reason Code	Description
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Validation Qualifier Data Entry Verification

Run Date: May 17, 2001

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim
										1	2	3	4		
12-SS01A	N 0 1		1,1,1-TRICHLOROETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,1,2,2-TETRACHLOROETHANE	.0043	mg/kg	U	N Y		UJ					EFMSV*21	00:
			1,1,2-TRICHLOROETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,1-DICHLOROETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,1-DICHLOROETHYLENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,2-DICHLOROETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,2-DICHLOROETHENE (TOTAL)	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			1,2-DICHLOROPROPANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			2-HEXANONE (MBK)	.022	mg/kg	U	N Y		UJ					EFMSV*21	00:
			ACETONE	.0081	mg/kg	J	Y Y		J					EFMSV*21	00:
			BENZENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			BROMODICHLOROMETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			BROMOFORM	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			BROMOMETHANE	.0087	mg/kg	U	N Y		R					EFMSV*21	00:
			CARBON DISULFIDE	.0012	mg/kg	J	Y Y		J					EFMSV*21	00:
			CARBON TETRACHLORIDE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			CHLOROBENZENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			CHLOROETHANE	.0087	mg/kg	U	N Y		UJ					EFMSV*21	00:
			CHLOROFORM	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			CHLOROMETHANE	.0087	mg/kg	U	N Y		U					EFMSV*21	00:
			CIS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			DIBROMOCHLOROMETHANE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			ETHYLBENZENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			METHYL ETHYL KETONE (MEK)	.022	mg/kg	U	N Y		UJ					EFMSV*21	00:
			METHYLENE CHLORIDE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			METHYLISOBUTYL KETONE (MIBK)	.022	mg/kg	U	N Y		U					EFMSV*21	00:
			STYRENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			TETRACHLOROETHENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			TOLUENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			TRANS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			TRICHLOROETHENE	.0043	mg/kg	U	N Y		U					EFMSV*21	00:
			VINYL ACETATE	.0087	mg/kg	U	N Y		U					EFMSV*21	00:
			VINYL CHLORIDE	.0087	mg/kg	U	N Y		U					EFMSV*21	00:
			XYLENE, TOTAL	.0013	mg/kg	J	Y Y		J					EFMSV*21	00:
														EFMSV*21	00:
														EFMSV*21	00:
														EFMSV*21	00:
I	I		ALUMINUM	7090	mg/kg		Y Y							EFM1S*21	00:
			ANTIMONY	.594	mg/kg		Y Y		J					EFM1S*21	00:
			ARSENIC	5.69	mg/kg		Y Y							EFM1S*21	00:
			BARIUM	28.6	mg/kg		Y Y							EFM1S*21	00:
			BERYLLIUM	.72	mg/kg		Y Y							EFM1S*21	00:
			CADMIUM	.107	mg/kg		Y Y							EFM1S*21	00:
			CALCIUM	84.6	mg/kg		Y Y							EFM1S*21	00:
			CHROMIUM	12.6	mg/kg		Y Y		J					EFM1S*21	00:
			COBALT	6.17	mg/kg		Y Y							EFM1S*21	00:

Validation Qualifier Data Entry Verification

Run Date: May 17, 2001

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim
										1	2	3	4		
12-SS01A	1	COPPER		43.4	mg/kg		Y Y	J		08A				EFM1S*21	00:
		IRON		25100	mg/kg		Y Y							EFM1S*21	00:
		LEAD		17.1	mg/kg		Y Y							EFM1S*21	00:
		MAGNESIUM		1260	mg/kg		Y Y							EFM1S*21	00:
		MANGANESE		25.1	mg/kg		Y Y							EFM1S*21	00:
		MERCURY		.0411	mg/kg		Y Y							EFM1S*21	00:
		NICKEL		11.3	mg/kg		Y Y	J					13	EFM1S*21	00:
		POTASSIUM		331	mg/kg		Y Y							EFM1S*21	00:
		SELENIUM		.905	mg/kg		Y Y							EFM1S*21	00:
		SILVER		.097	mg/kg	U	N Y		U	06B				EFM1S*21	00:
		SODIUM		251	mg/kg		Y Y							EFM1S*21	00:
		THALLIUM		.503	mg/kg		Y Y	B						EFM1S*21	00:
		VANADIUM		17.1	mg/kg		Y Y							EFM1S*21	00:
		ZINC		50.3	mg/kg		Y Y							EFM1S*21	00:
		1,2,4-TRICHLOROBENZENE		.1	mg/kg	U	N Y		U					EFM1S*21	00:
		1,2-DICHLOROBENZENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		1,3-DICHLOROBENZENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		1,4-DICHLOROBENZENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4,5-TRICHLOROPHENOL		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4,6-TRICHLOROPHENOL		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4-DICHLOROPHENOL		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4-DIMETHYLPHENOL		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4-DINITROPHENOL		1.3	mg/kg	U	N Y		U					EFM1S*21	00:
		2,4-DINITROTOLUENE		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		2,6-DINITROTOLUENE		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		2-CHLORONAPHTHALENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		2-CHLOROPHENOL		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		2-METHYLNAPHTHALENE		.1	mg/kg	U	N Y		U					EFM1S*21	00:
		2-NITROANILINE		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		2-NITROPHENOL		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		3,3'-DICHLOROBENZIDINE		.5	mg/kg	U	N Y		UJ	05B				EFM1S*21	00:
		3-METHYL-4-CHLOROPHENOL		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		3-NITROANILINE		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		4,6-DINITRO-2-CRESOL		1	mg/kg	U	N Y		U					EFM1S*21	00:
		4-BROMOPHENYL PHENYL ETHER		.14	mg/kg	U	N Y		U					EFM1S*21	00:
		4-CHLOROANILINE		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		4-CHLOROPHENYL PHENYL ETHER		.1	mg/kg	U	N Y		U					EFM1S*21	00:
		4-NITROANILINE		.3	mg/kg	U	N Y		U					EFM1S*21	00:
		4-NITROPHENOL		.5	mg/kg	U	N Y		U					EFM1S*21	00:
		ACENAPHTHENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		ACENAPHTHYLENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		ANTHRACENE		.07	mg/kg	U	N Y		U					EFM1S*21	00:
		BENZOIC ACID		1.4	mg/kg	U	N Y		U					EFM1S*21	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Anal Tim	
										1	2	3	4		
12-SS01A	I		BENZO[A]ANTHRACENE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BETA-SITOSTEROL	.571	mg/kg		Y N							EFM1S*21	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			CHRYSENE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			FLUORANTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			HEXADECANOIC ACID	.343	mg/kg		Y N							EFM1S*21	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			P-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*21	00:
			PHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*21	00:
12-SS01B	N 0 1		1,1,1-TRICHLOROETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,1,2-TETRACHLOROETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,1,2-TRICHLOROETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,1-DICHLOROETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,1-DICHLOROETHYLENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:

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										1	2	3	4		
12-SS01B	N 0 1		1,2-DICHLOROETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,2-DICHLOROETHENE (TOTAL)	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			1,2-DICHLOROPROPANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			2-HEXANONE (MBK)	.03	mg/kg	U	N Y	U						EFMSV*18	00:
			ACETONE	.059	mg/kg	U	N Y	U						EFMSV*18	00:
			BENZENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			BROMODICHLOROMETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			BROMOFORM	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			BROMOMETHANE	.012	mg/kg	U	N Y	R		04C				EFMSV*18	00:
			CARBON DISULFIDE	.0021	mg/kg	J	Y Y	J		15				EFMSV*18	00:
			CARBON TETRACHLORIDE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			CHLOROBENZENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			CHLOROETHANE	.012	mg/kg	U	N Y	U						EFMSV*18	00:
			CHLOROFORM	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			CHLOROMETHANE	.012	mg/kg	U	N Y	U						EFMSV*18	00:
			CIS-1,3-DICHLOROPROPENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			DIBROMOCHLOROMETHANE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			ETHYLBENZENE	.00076	mg/kg	J	Y Y	J		15				EFMSV*18	00:
			METHYL ETHYL KETONE (MEK)	.03	mg/kg	U	N Y	U						EFMSV*18	00:
			METHYLENE CHLORIDE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			METHYLISOBUTYL KETONE (MIBK)	.03	mg/kg	U	N Y	U						EFMSV*18	00:
			STYRENE	.0059	mg/kg	U	N Y	UJ		05B				EFMSV*18	00:
			TETRACHLOROETHENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			TOLUENE	.00087	mg/kg	J	Y Y	J		15				EFMSV*18	00:
			TRANS-1,3-DICHLOROPROPENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			TRICHLOROETHENE	.0059	mg/kg	U	N Y	U						EFMSV*18	00:
			VINYL ACETATE	.012	mg/kg	U	N Y	U						EFMSV*18	00:
			VINYL CHLORIDE	.012	mg/kg	U	N Y	U						EFMSV*18	00:
			XYLENE, TOTAL	.0026	mg/kg	J	Y Y	J		05B 15				EFMSV*18	00:
1	1		1,3,5-TRINITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			1,3-DINITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			2,4,6-TRINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			2,4-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			2,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			2-AMINO-4,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			2-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			3-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			4-AMINO-2,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			4-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			CYCLOTETRAMETHYLENETETRANITRAMINE	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			NITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			RDX	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:
			TETRYL	.2	mg/kg	U	N Y	U	LT					EFM1S*18	00:

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	Flt	REX Dil:								1	2	3	4		
12-SS01B	1	ALUMINUM		9060	mg/kg		Y	Y						EFM1S*18	00:
		BARIUM		43.7	mg/kg		Y	Y						EFM1S*18	00:
		BERYLLIUM		.71	mg/kg		Y	Y						EFM1S*18	00:
		CALCIUM		41.5	mg/kg		Y	Y						EFM1S*18	00:
		CHROMIUM		15.3	mg/kg		Y	Y						EFM1S*18	00:
		MAGNESIUM		2620	mg/kg		Y	Y						EFM1S*18	00:
		MERCURY		.0328	mg/kg		Y	Y						EFM1S*18	00:
		POTASSIUM		382	mg/kg		Y	Y						EFM1S*18	00:
		SODIUM		218	mg/kg		Y	Y						EFM1S*18	00:
		2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE		.00109	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
	1	2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ALDRIN		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ALPHA-CHLORDANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ALPHA-HEXACHLOROCYCLOHEXANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		BETA-HEXACHLOROCYCLOHEXANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		CHLORDANE		.00364	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		DELTA-HEXACHLOROCYCLOHEXANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		DIELDRIN		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ENDOSULFAN I		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ENDOSULFAN II		.000801	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ENDOSULFAN SULFATE		.000946	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ENDRIN		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		ENDRIN ALDEHYDE		.000946	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		GAMMA-CHLORDANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		HEPTACHLOR		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		HEPTACHLOR EPOXIDE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		LINDANE		.000728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		METHOXYCHLOR		.00131	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1016		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1221		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1232		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1242		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1248		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1254		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PCB 1260		.0146	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		PPDDD		.00109	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		TOXAPHENE		.0728	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
	1	1,2,4-TRICHLOROBENZENE		.1	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		1,2-DICHLOROBENZENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		1,3-DICHLOROBENZENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		1,4-DICHLOROBENZENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*18	00:
		2,4,5-TRICHLOROPHENOL		.3	mg/kg	U	N	Y	U	LT				EFM1S*18	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim	
										1	2	3	4			
12-SS01B		1	2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2,4-DICHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2,4-DIMETHYLPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2,4-DINITROPHENOL	1.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2,4-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2,6-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2-CHLORONAPHTHALENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2-CHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2-METHYLNAPHTHALENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			2-NITROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N	Y	UJ	LT	05B				EFM1S*18	00:
			3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			3-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4,6-DINITRO-2-CRESOL	1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4-CHLOROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			4-NITROPHENOL	.5	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			ACENAPHTHENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			ANTHRACENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZOIC ACID	1.4	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			CHRYSENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DIBENZOFURAN	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*18	00:
			FLUORANTHENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*18	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim	
											1	2	3	4			
12-SS01B	1	FLUORENE		.07	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		HEXACHLOROBENZENE		.1	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		HEXACHLOROBUTADIENE		.14	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		HEXACHLOROCYCLOPENTADIENE		1	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		HEXACHLOROETHANE		.1	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		INDENO[1,2,3-C,D]PYRENE		.16	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		ISOPHORONE		.14	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		N-NITROSODI-N-PROPYLAMINE		.1	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		N-NITROSODIPHENYLAMINE		.07	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		NAPHTHALENE		.07	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		NITROBENZENE		.07	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		O-CRESOL		.14	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		P-CRESOL		.14	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		PENTACHLOROPHENOL		.5	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		PHENANTHRENE		.07	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		PHENOL		.14	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		SULFUR, MOLECULAR		.764	mg/kg		Y	N								EFM1S*18	00:
		TOTAL ORGANIC CARBON		7450	mg/kg		Y	Y								EFM1S*18	00:
	2	ANTIMONY		1	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		ARSENIC		6.16	mg/kg		Y	Y								EFM1S*18	00:
		CADMIUM		.611	mg/kg		Y	Y								EFM1S*18	00:
		COBALT		24	mg/kg		Y	Y								EFM1S*18	00:
		COPPER		43.7	mg/kg		Y	Y								EFM1S*18	00:
		IRON		28400	mg/kg		Y	Y								EFM1S*18	00:
		LEAD		14.8	mg/kg		Y	Y								EFM1S*18	00:
		MANGANESE		83	mg/kg		Y	Y								EFM1S*18	00:
		NICKEL		24	mg/kg		Y	Y								EFM1S*18	00:
		SELENIUM		1.38	mg/kg		Y	Y								EFM1S*18	00:
		SILVER		.198	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		THALLIUM		.5	mg/kg	U	N	Y		U	LT					EFM1S*18	00:
		VANADIUM		21.8	mg/kg		Y	Y								EFM1S*18	00:
		ZINC		96.1	mg/kg		Y	Y								EFM1S*18	00:
12-SS02A	N 0 1	1,1,1-TRICHLOROETHANE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,1,2,2-TETRACHLOROETHANE		.0043	mg/kg	U	N	Y		UJ						EFMSV*22	00:
		1,1,2-TRICHLOROETHANE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,1-DICHLOROETHANE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,1-DICHLOROETHYLENE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,2-DICHLOROETHANE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,2-DICHLOROETHENE (TOTAL)		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		1,2-DICHLOROPROPANE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:
		2-HEXANONE (MBK)		.021	mg/kg	U	N	Y		UJ						EFMSV*22	00:
		ACETONE		.0081	mg/kg	J	Y	Y		J				15		EFMSV*22	00:
		BENZENE		.0043	mg/kg	U	N	Y		U						EFMSV*22	00:

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										1	2	3	4		
12-SS02A		N 0 1	BROMODICHLOROMETHANE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			BROMOFORM	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			BROMOMETHANE	.0086	mg/kg	U	N Y	R		04C 05B				EFMSV*22	00:
			CARBON DISULFIDE	.0013	mg/kg	J	Y Y	J		15				EFMSV*22	00:
			CARBON TETRACHLORIDE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			CHLOROBENZENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			CHLOROETHANE	.0086	mg/kg	U	N Y	UJ		05B				EFMSV*22	00:
			CHLOROFORM	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			CHLOROMETHANE	.0086	mg/kg	U	N Y	U						EFMSV*22	00:
			CIS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			DIBROMOCHLOROMETHANE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			ETHYLBENZENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			METHYL ETHYL KETONE (MEK)	.021	mg/kg	U	N Y	UJ		05B				EFMSV*22	00:
			METHYLENE CHLORIDE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			METHYLISOBUTYL KETONE (MIBK)	.021	mg/kg	U	N Y	U						EFMSV*22	00:
			STYRENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			TETRACHLOROETHENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			TOLUENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			TRANS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			TRICHLOROETHENE	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
			VINYL ACETATE	.0086	mg/kg	U	N Y	U						EFMSV*22	00:
			VINYL CHLORIDE	.0086	mg/kg	U	N Y	U						EFMSV*22	00:
			XYLENE, TOTAL	.0043	mg/kg	U	N Y	U						EFMSV*22	00:
I		I	ALUMINUM	13400	mg/kg		Y Y							EFM1S*22	00:
			BARIUM	74.9	mg/kg		Y Y							EFM1S*22	00:
			BERYLLIUM	.906	mg/kg		Y Y							EFM1S*22	00:
			CALCIUM	145	mg/kg		Y Y							EFM1S*22	00:
			CHROMIUM	20.1	mg/kg		Y Y							EFM1S*22	00:
			MAGNESIUM	4470	mg/kg		Y Y							EFM1S*22	00:
			MERCURY	.0324	mg/kg		Y Y							EFM1S*22	00:
			POTASSIUM	481	mg/kg		Y Y							EFM1S*22	00:
			SODIUM	291	mg/kg		Y Y							EFM1S*22	00:
			1,2,4-TRICHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
I		I	1,2-DICHLOROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			1,3-DICHLOROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			1,4-DICHLOROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4,5-TRICHLOROPHENOL	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4-DICHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4-DIMETHYLPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4-DINITROPHENOL	.13	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,4-DINITROTOLUENE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2,6-DINITROTOLUENE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:

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										1	2	3	4		
12-SS02A		1	2-CHLORONAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2-CHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2-METHYLNAPHTHALENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			2-NITROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N Y	UJ	LT	05B				EFM1S*22	00:
			3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			3-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4,6-DINITRO-2-CRESOL	1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4-CHLOROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			4-NITROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			ACENAPHTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			ANTHRACENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZOIC ACID	1.4	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[BJ]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			CHRYSENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			FLUORANTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N Y	U	LT					EFM1S*22	00:

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										1	2	3	4		
12-SS02A	1		ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			P-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			PHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*22	00:
	2		ANTIMONY	1	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			ARSENIC	6.22	mg/kg		Y Y							EFM1S*22	00:
			CADMIUM	.291	mg/kg		Y Y							EFM1S*22	00:
			COBALT	5.37	mg/kg		Y Y							EFM1S*22	00:
			COPPER	.47	mg/kg		Y Y							EFM1S*22	00:
			IRON	35800	mg/kg		Y Y							EFM1S*22	00:
			LEAD	14.3	mg/kg		Y Y							EFM1S*22	00:
			MANGANESE	22.4	mg/kg		Y Y							EFM1S*22	00:
			NICKEL	17.2	mg/kg		Y Y							EFM1S*22	00:
			SELENIUM	1.48	mg/kg		Y Y							EFM1S*22	00:
12-SS02B	N 0 1		SILVER	.2	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			THALLIUM	.5	mg/kg	U	N Y	U	LT					EFM1S*22	00:
			VANADIUM	26.8	mg/kg		Y Y							EFM1S*22	00:
			ZINC	94	mg/kg		Y Y							EFM1S*22	00:
			1,1,1-TRICHLOROETHANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,1,2-TETRACHLOROETHANE	.0045	mg/kg	U	N Y	UJ						EFMSV*23	00:
			1,1,2-TRICHLOROETHANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,1-DICHLOROETHANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,1-DICHLOROETHYLENE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,2-DICHLOROETHANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,2-DICHLOROETHENE (TOTAL)	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			1,2-DICHLOROPROPANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			2-HEXANONE (MBK)	.023	mg/kg	U	N Y	UJ						EFMSV*23	00:
			ACETONE	.015	mg/kg	J	Y Y	J						EFMSV*23	00:
			BENZENE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			BROMODICHLOROMETHANE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			BROMOFORM	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			BROMOMETHANE	.0091	mg/kg	U	N Y	R						EFMSV*23	00:
			CARBON DISULFIDE	.0015	mg/kg	J	Y Y	J						EFMSV*23	00:
			CARBON TETRACHLORIDE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			CHLOROBENZENE	.0045	mg/kg	U	N Y	U						EFMSV*23	00:
			CHLOROETHANE	.0091	mg/kg	U	N Y	UJ						EFMSV*23	00:
			CHLOROFORM	.0045	mg/kg	U	N Y	U						EFMSV*23	00:

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										1	2	3	4			
12-SS02B	N 0 1	CHLOROMETHANE CIS-1,3-DICHLOROPROPENE DIBROMOCHLOROMETHANE ETHYLBENZENE METHYL ETHYL KETONE (MEK) METHYLENE CHLORIDE METHYLISOBUTYL KETONE (MIBK) STYRENE TETRACHLOROETHENE TOLUENE TRANS-1,3-DICHLOROPROPENE TRICHLOROETHENE VINYL ACETATE VINYL CHLORIDE XYLENE, TOTAL	.0091	mg/kg	U	N Y		U							EFMSV*23	00:
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.023	mg/kg	U	N Y		UJ					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.023	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0091	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0091	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
				.0045	mg/kg	U	N Y		U					EFMSV*23	00:	
		I	ALUMINUM	9340	mg/kg		Y Y							EFM1S*23	00:	
			ANTIMONY	.5	mg/kg	U	N Y		U					EFM1S*23	00:	
			ARSENIC	3.9	mg/kg		Y Y							EFM1S*23	00:	
			BARIUM	263	mg/kg		Y Y							EFM1S*23	00:	
			BERYLLIUM	.611	mg/kg		Y Y							EFM1S*23	00:	
			CADMIUM	.05	mg/kg	U	N Y		U					EFM1S*23	00:	
			CALCIUM	144	mg/kg		Y Y							EFM1S*23	00:	
			CHROMIUM	14.4	mg/kg		Y Y							EFM1S*23	00:	
			COBALT	2.99	mg/kg		Y Y							EFM1S*23	00:	
			COPPER	26.3	mg/kg		Y Y							EFM1S*23	00:	
			IRON	24000	mg/kg		Y Y							EFM1S*23	00:	
			LEAD	13.2	mg/kg		Y Y							EFM1S*23	00:	
			MAGNESIUM	1920	mg/kg		Y Y							EFM1S*23	00:	
			MANGANESE	13.2	mg/kg		Y Y							EFM1S*23	00:	
			MERCURY	.023	mg/kg	U	N Y		U					EFM1S*23	00:	
			NICKEL	7.66	mg/kg		Y Y							EFM1S*23	00:	
			POTASSIUM	335	mg/kg		Y Y							EFM1S*23	00:	
			SELENIUM	.811	mg/kg		Y Y							EFM1S*23	00:	
			SILVER	.099	mg/kg	U	N Y		U					EFM1S*23	00:	
			SODIUM	251	mg/kg		Y Y							EFM1S*23	00:	
			THALLIUM	.347	mg/kg		Y Y		B					EFM1S*23	00:	
			VANADIUM	22.8	mg/kg		Y Y							EFM1S*23	00:	
			ZINC	38.3	mg/kg		Y Y							EFM1S*23	00:	
1	1	1,2,4-TRICHLOROBENZENE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2,4,5-TRICHLOROPHENOL	1,2,4-TRICHLOROBENZENE	.1	mg/kg	U	N Y		U					EFM1S*23	00:	
			1,2-DICHLOROBENZENE	.07	mg/kg	U	N Y		U					EFM1S*23	00:	
			1,3-DICHLOROBENZENE	.07	mg/kg	U	N Y		U					EFM1S*23	00:	
			1,4-DICHLOROBENZENE	.07	mg/kg	U	N Y		U					EFM1S*23	00:	
			2,4,5-TRICHLOROPHENOL	.3	mg/kg	U	N Y		U					EFM1S*23	00:	
											06B					

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	VQlfr / Code:	Reason Codes				Anal Tim	
											1	2	3	4	Lab Sample:	
12-SS02B		1	2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2,4-DICHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2,4-DIMETHYLPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2,4-DINITROPHENOL	1.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2,4-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2,6-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2-CHLORONAPHTHALENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2-CHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2-METHYLNAPHTHALENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			2-NITROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N	Y	UJ	LT	05B				EFM1S*23	00:
			3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			3-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4,6-DINITRO-2-CRESOL	1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4-CHLOROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			4-NITROPHENOL	.5	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			ACENAPHTHENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			ANTHRACENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZOIC ACID	1.4	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			CHRYSENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DIBENZOFURAN	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*23	00:
			FLUORANTHENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*23	00:

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										1	2	3	4		
12-SS02B		1	FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			P-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*23	00:
			PHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*23	00:
12-SS03A	N 0 1		1,1,1-TRICHLOROETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,1,2,2-TETRACHLOROETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,1,2-TRICHLOROETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,1-DICHLOROETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,1-DICHLOROETHYLENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,2-DICHLOROETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,2-DICHLOROETHENE (TOTAL)	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			1,2-DICHLOROPROPANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			2-HEXANONE (MBK)	.023	mg/kg	U	N Y	U						EFMSV*20	00:
			ACETONE	.04	mg/kg	JB	Y Y	B		06A 15				EFMSV*20	00:
			BENZENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			BROMODICHLOROMETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			BROMOFORM	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			BROMOMETHANE	.0094	mg/kg	U	N Y	R		04C 05B				EFMSV*20	00:
			CARBON DISULFIDE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			CARBON TETRACHLORIDE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			CHLOROBENZENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			CHLOROETHANE	.0094	mg/kg	U	N Y	U						EFMSV*20	00:
			CHLOROFORM	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			CHLOROMETHANE	.0094	mg/kg	U	N Y	U						EFMSV*20	00:
			CIS-1,3-DICHLOROPROPENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			DIBROMOCHLOROMETHANE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			ETHYLBENZENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			METHYL ETHYL KETONE (MEK)	.023	mg/kg	U	N Y	U						EFMSV*20	00:
			METHYLENE CHLORIDE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:
			METHYLSOBUTYL KETONE (MIBK)	.023	mg/kg	U	N Y	U						EFMSV*20	00:
			STYRENE	.0047	mg/kg	U	N Y	U						EFMSV*20	00:

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										1	2	3	4		
12-SS03A	N 0 1	TETRACHLOROETHENE	.0047	mg/kg	U	N Y		U		15				EFMSV*20	00:
		TOLUENE	.00053	mg/kg	J	Y Y		J						EFMSV*20	00:
		TRANS-1,3-DICHLOROPROPENE	.0047	mg/kg	U	N Y		U						EFMSV*20	00:
		TRICHLOROETHENE	.0047	mg/kg	U	N Y		U						EFMSV*20	00:
		VINYL ACETATE	.0094	mg/kg	U	N Y		U						EFMSV*20	00:
		VINYL CHLORIDE	.0094	mg/kg	U	N Y		U						EFMSV*20	00:
		XYLENE, TOTAL	.0014	mg/kg	J	Y Y		J						EFMSV*20	00:
		ALUMINUM	11000	mg/kg		Y Y				15				EFM1S*20	00:
		BARIUM	.34	mg/kg		Y Y								EFM1S*20	00:
		BERYLLIUM	.763	mg/kg		Y Y								EFM1S*20	00:
		CALCIUM	72.8	mg/kg		Y Y								EFM1S*20	00:
		CHROMIUM	17.6	mg/kg		Y Y								EFM1S*20	00:
		MAGNESIUM	2820	mg/kg		Y Y								EFM1S*20	00:
		MERCURY	.0411	mg/kg		Y Y								EFM1S*20	00:
		POTASSIUM	.434	mg/kg		Y Y								EFM1S*20	00:
		SODIUM	.235	mg/kg		Y Y								EFM1S*20	00:
		1,2,4-TRICHLOROBENZENE	.1	mg/kg	U	N Y		U	LT	15				EFM1S*20	00:
		1,2-DICHLOROBENZENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		1,3-DICHLOROBENZENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		1,4-DICHLOROBENZENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4,5-TRICHLOROPHENOL	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4-DICHLOROPHENOL	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4-DIMETHYLPHENOL	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4-DINITROPHENOL	1.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,4-DINITROTOLUENE	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2,6-DINITROTOLUENE	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2-CHLORONAPHTHALENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2-CHLOROPHENOL	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2-METHYLNAPHTHALENE	.1	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2-NITROANILINE	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		2-NITROPHENOL	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		3-NITROANILINE	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4,6-DINITRO-2-CRESOL	1	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4-CHLOROANILINE	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4-NITROANILINE	.3	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		4-NITROPHENOL	.5	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		ACENAPHTHENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:
		ACENAPHTHYLENE	.07	mg/kg	U	N Y		U	LT					EFM1S*20	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	VQlfr / Code:	Reason Codes				Anal Tim	
											1	2	3	4	Lab Sample:	
12-SS03A		1	ALPHA-PINENE	1.17	mg/kg		Y	N							EFM1S*20	00:
			ANTHRACENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZOIC ACID	1.4	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N	Y	UJ	LT	05B				EFM1S*20	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			CHRYSENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			DIBENZOFURAN	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N	Y	UJ	LT	05B				EFM1S*20	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			FLUORANTHENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			FLUORENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N	Y	R	LT	11A				EFM1S*20	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			ISOPHORONE	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			NAPHTHALENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			NITROBENZENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			O-CRESOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			P-CRESOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			PHENANTHRENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			PHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
		1	TOTAL ORGANIC CARBON	11700	mg/kg		Y	Y							EFM1S*20	00:
		2	ANTIMONY	1	mg/kg	U	N	Y	U	LT					EFM1S*20	00:
			ARSENIC	4.81	mg/kg		Y	Y							EFM1S*20	00:
			CADMIUM	.399	mg/kg		Y	Y							EFM1S*20	00:

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										1	2	3	4		
12-SS03A	2		COBALT	8.45	mg/kg		Y	Y						EFM1S*20	00:
			COPPER	32.9	mg/kg		Y	Y						EFM1S*20	00:
			IRON	32900	mg/kg		Y	Y						EFM1S*20	00:
			LEAD	16.4	mg/kg		Y	Y						EFM1S*20	00:
			MANGANESE	46.9	mg/kg		Y	Y						EFM1S*20	00:
			NICKEL	23.5	mg/kg		Y	Y						EFM1S*20	00:
			SELENIUM	1.23	mg/kg		Y	Y						EFM1S*20	00:
			SILVER	.198	mg/kg	U	N	Y	U	LT				EFM1S*20	00:
			THALLIUM	.5	mg/kg	U	N	Y	U	LT				EFM1S*20	00:
			VANADIUM	22.5	mg/kg		Y	Y						EFM1S*20	00:
12-SS03B	N 0 1		ZINC	84.5	mg/kg		Y	Y						EFM1S*20	00:
			1,1,1-TRICHLOROETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,1,2,2-TETRACHLOROETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,1,2-TRICHLOROETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,1-DICHLOROETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,1-DICHLOROETHYLENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,2-DICHLOROETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,2-DICHLOROETHENE (TOTAL)	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			1,2-DICHLOROPROPANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			2-HEXANONE (MBK)	.021	mg/kg	U	N	Y	U					EFMSV*19	00:
			ACETONE	.01	mg/kg	JB	Y	Y	B	06A 15				EFMSV*19	00:
			BENZENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			BROMODICHLOROMETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			BROMOFORM	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			BROMOMETHANE	.0084	mg/kg	U	N	Y	R	04C 05B				EFMSV*19	00:
			CARBON DISULFIDE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			CARBON TETRACHLORIDE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			CHLOROBENZENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			CHLOROETHANE	.0084	mg/kg	U	N	Y	U					EFMSV*19	00:
			CHLOROFORM	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			CHLOROMETHANE	.0084	mg/kg	U	N	Y	U					EFMSV*19	00:
			CIS-1,3-DICHLOROPROPENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			DIBROMOCHLOROMETHANE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			ETHYLBENZENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			METHYL ETHYL KETONE (MEK)	.021	mg/kg	U	N	Y	U					EFMSV*19	00:
			METHYLENE CHLORIDE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			METHYLSOBUTYL KETONE (MIBK)	.021	mg/kg	U	N	Y	U					EFMSV*19	00:
			STYRENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			TETRACHLOROETHENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			TOLUENE	.0043	mg/kg	U	N	Y	U					EFMSV*19	00:
			TRANS-1,3-DICHLOROPROPENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			TRICHLOROETHENE	.0042	mg/kg	U	N	Y	U					EFMSV*19	00:
			VINYL ACETATE	.0084	mg/kg	U	N	Y	U					EFMSV*19	00:

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										1	2	3	4	Lab Sample:	
12-SS03B		N 0 1	VINYL CHLORIDE	.0084	mg/kg	U	N Y	U						EFMSV*19	00:
			XYLENE, TOTAL	.0042	mg/kg	U	N Y	U						EFMSV*19	00:
		1	1,3,5-TRINITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			1,3-DINITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2,4,6-TRINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2,4-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2-AMINO-4,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			3-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-AMINO-2,6-DINITROTOLUENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-NITROTOLUENE	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			CYCLOTETRAMETHYLENETETRANITRAMINE	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			NITROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			RDX	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			TETRYL	.2	mg/kg	U	N Y	U	LT					EFM1S*19	00:
		1	ALUMINUM	11100	mg/kg		Y Y							EFM1S*19	00:
			ANTIMONY	.46	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			ARSENIC	3.9	mg/kg		Y Y							EFM1S*19	00:
			BARIUM	12.2	mg/kg		Y Y							EFM1S*19	00:
			BERYLLIUM	.487	mg/kg		Y Y							EFM1S*19	00:
			CADMIUM	.255	mg/kg		Y Y							EFM1S*19	00:
			CALCIUM	56.5	mg/kg		Y Y							EFM1S*19	00:
			CHROMIUM	14.4	mg/kg		Y Y							EFM1S*19	00:
			COBALT	5.43	mg/kg		Y Y							EFM1S*19	00:
			COPPER	35.4	mg/kg		Y Y							EFM1S*19	00:
			IRON	18800	mg/kg		Y Y							EFM1S*19	00:
			LEAD	12.2	mg/kg		Y Y							EFM1S*19	00:
			MAGNESIUM	2990	mg/kg		Y Y							EFM1S*19	00:
			MANGANESE	17.7	mg/kg		Y Y							EFM1S*19	00:
			MERCURY	.023	mg/kg		Y Y	J	LT	24 15				EFM1S*19	00:
			NICKEL	14.4	mg/kg		Y Y							EFM1S*19	00:
			POTASSIUM	520	mg/kg		Y Y							EFM1S*19	00:
			SELENIUM	.735	mg/kg		Y Y							EFM1S*19	00:
			SILVER	.093	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			SODIUM	244	mg/kg		Y Y							EFM1S*19	00:
			THALLIUM	.288	mg/kg		Y Y	B		06B				EFM1S*19	00:
			VANADIUM	13.3	mg/kg		Y Y							EFM1S*19	00:
			ZINC	70.9	mg/kg		Y Y							EFM1S*19	00:
		1	2,2-BIS(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE	.00111	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE	.000738	mg/kg	U	N Y	U	LT					EFM1S*19	00:

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	1	2									1	2	3	4			
12-SS03B			1	ALDRIN	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ALPHA-CHLORDANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ALPHA-HEXACHLOROCYCLOHEXANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				BETA-HEXACHLOROCYCLOHEXANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				CHLORDANE	.00369	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				DELTA-HEXACHLOROCYCLOHEXANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				DIELDRIN	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ENDOSULFAN I	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ENDOSULFAN II	.000812	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ENDOSULFAN SULFATE	.00096	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ENDRIN	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				ENDRIN ALDEHYDE	.00096	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				GAMMA-CHLORDANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				HEPTACHLOR	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				HEPTACHLOR EPOXIDE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				LINDANE	.000738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				METHOXYCHLOR	.0013	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1016	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1221	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1232	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1242	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1248	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1254	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PCB 1260	.0148	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				PPDDD	.00111	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				TOXAPHENE	.0738	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
	1		1	1,2,4-TRICHLOROBENZENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				1,2-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				1,3-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				1,4-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4,5-TRICHLOROPHENOL	.3	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4-DICHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4-DIMETHYLPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4-DINITROPHENOL	1.3	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,4-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2,6-DINITROTOLUENE	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2-CHLORONAPHTHALENE	.07	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2-CHLOROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2-METHYLNAPHTHALENE	.1	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2-NITROANILINE	.3	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				2-NITROPHENOL	.14	mg/kg	U	N	Y	U	LT					EFM1S*19	00:
				3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N	Y	U	LT					EFM1S*19	00:

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										1	2	3	4		
12-SS03B		1	3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			3-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4,6-DINITRO-2-CRESOL	1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-CHLOROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			4-NITROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			ACENAPHTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			ANTHRACENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZOIC ACID	1.4	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N Y	UJ	LT	05B				EFM1S*19	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	UJ	LT	05B				EFM1S*19	00:
			CHRYSENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			FLUORANTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	R	LT	11A				EFM1S*19	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*19	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*19	00:

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	Flt	REX Dil:								1	2	3	4		
12-SS03B		1	P-CRESOL	.14	mg/kg	U	N	Y	U	LT				EFM1S*19	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N	Y	U	LT				EFM1S*19	00:
			PHENANTHRENE	.07	mg/kg	U	N	Y	U	LT				EFM1S*19	00:
			PHENOL	.14	mg/kg	U	N	Y	U	LT				EFM1S*19	00:
			SULFUR, MOLECULAR	.443	mg/kg		Y	N						EFM1S*19	00:
		1	TOTAL ORGANIC CARBON	2120	mg/kg		Y	Y						EFM1S*19	00:
12-SS04	N	0	1,1,1-TRICHLOROETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,1,2,2-TETRACHLOROETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,1,2-TRICHLOROETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,1-DICHLOROETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,1-DICHLOROETHYLENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,2-DICHLOROETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,2-DICHLOROETHENE (TOTAL)	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			1,2-DICHLOROPROPANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			2-HEXANONE (MBK)	.023	mg/kg	U	N	Y	U					EFMSV*24	00:
			ACETONE	.047	mg/kg	U	N	Y	U					EFMSV*24	00:
			BENZENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			BROMODICHLOROMETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			BROMOFORM	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			BROMOMETHANE	.0094	mg/kg	U	N	Y	R		04C 05B			EFMSV*24	00:
			CARBON DISULFIDE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			CARBON TETRACHLORIDE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			CHLOROBENZENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			CHLOROETHANE	.0094	mg/kg	U	N	Y	U					EFMSV*24	00:
			CHLOROFORM	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			CHLOROMETHANE	.0094	mg/kg	U	N	Y	U					EFMSV*24	00:
			CIS-1,3-DICHLOROPROPENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			DIBROMOCHLOROMETHANE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			ETHYLBENZENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			METHYL ETHYL KETONE (MEK)	.023	mg/kg	U	N	Y	U					EFMSV*24	00:
			METHYLENE CHLORIDE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			METHYLISOBUTYL KETONE (MIBK)	.023	mg/kg	U	N	Y	U					EFMSV*24	00:
			STYRENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			TETRACHLOROETHENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			TOLUENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			TRANS-1,3-DICHLOROPROPENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			TRICHLOROETHENE	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
			VINYL ACETATE	.0094	mg/kg	U	N	Y	U					EFMSV*24	00:
			VINYL CHLORIDE	.0094	mg/kg	U	N	Y	U					EFMSV*24	00:
			XYLENE, TOTAL	.0047	mg/kg	U	N	Y	U					EFMSV*24	00:
	I		ALUMINUM	10300	mg/kg		Y	Y						EFM1S*24	00:
			ANTIMONY	.526	mg/kg		Y	Y						EFM1S*24	00:
			ARSENIC	4.8	mg/kg		Y	Y						EFM1S*24	00:

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										1	2	3	4		
12-SS04	1	BARIUM		17.9	mg/kg		Y	Y						EFM1S*24	00:
		BERYLLIUM		.727	mg/kg		Y	Y						EFM1S*24	00:
		CADMIUM		.168	mg/kg		Y	Y						EFM1S*24	00:
		CALCIUM		145	mg/kg		Y	Y						EFM1S*24	00:
		CHROMIUM		11.2	mg/kg		Y	Y						EFM1S*24	00:
		COBALT		4.14	mg/kg		Y	Y						EFM1S*24	00:
		COPPER		36.9	mg/kg		Y	Y						EFM1S*24	00:
		IRON		14500	mg/kg		Y	Y						EFM1S*24	00:
		LEAD		13.4	mg/kg		Y	Y						EFM1S*24	00:
		MAGNESIUM		1030	mg/kg		Y	Y						EFM1S*24	00:
		MANGANESE		9.4	mg/kg		Y	Y						EFM1S*24	00:
		MERCURY		.0358	mg/kg		Y	Y						EFM1S*24	00:
		NICKEL		7.27	mg/kg		Y	Y						EFM1S*24	00:
		POTASSIUM		492	mg/kg		Y	Y						EFM1S*24	00:
		SELENIUM		.821	mg/kg		Y	Y						EFM1S*24	00:
		SILVER		.093	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		SODIUM		213	mg/kg		Y	Y						EFM1S*24	00:
		THALLIUM		.268	mg/kg		Y	Y		B			06B	EFM1S*24	00:
		VANADIUM		11.2	mg/kg		Y	Y						EFM1S*24	00:
		ZINC		.47	mg/kg		Y	Y						EFM1S*24	00:
	1	1,2,4-TRICHLOROBENZENE		.1	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		1,2-DICHLOROBENZENE		.07	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		1,3-DICHLOROBENZENE		.07	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		1,4-DICHLOROBENZENE		.07	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4,5-TRICHLOROPHENOL		.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4,6-TRICHLOROPHENOL		.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4-DICHLOROPHENOL		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4-DIMETHYLPHENOL		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4-DINITROPHENOL		1.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,4-DINITROTOLUENE		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2,6-DINITROTOLUENE		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2-CHLORONAPHTHALENE		.07	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2-CHLOROPHENOL		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2-METHYLNAPHTHALENE		.1	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2-NITROANILINE		.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		2-NITROPHENOL		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		3,3'-DICHLOROBENZIDINE		.5	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		3-METHYL-4-CHLOROPHENOL		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		3-NITROANILINE		.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		4,6-DINITRO-2-CRESOL		1	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		4-BROMOPHENYL PHENYL ETHER		.14	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		4-CHLOROANILINE		.3	mg/kg	U	N	Y		U		LT		EFM1S*24	00:
		4-CHLOROPHENYL PHENYL ETHER		.1	mg/kg	U	N	Y		U		LT		EFM1S*24	00:

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										1	2	3	4		
12-SS04		1	4-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			4-NITROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			ACENAPHTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			ANTHRACENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZOIC ACID	1.4	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZO[K]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.1	mg/kg	U	N Y	UJ	LT	05B				EFM1S*24	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			CHRYSENE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	UJ	LT	05B				EFM1S*24	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			FLUORANTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	R	LT	11A				EFM1S*24	00:
			HEXACHLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			INDENO[1,2,3-C,D]PYRENE	.16	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			P-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*24	00:
			PHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*24	00:
12-SS05		N 0 1	1,1,1-TRICHLOROETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:

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										1	2	3	4		
12-SS05	N 0 1		1,1,2,2-TETRACHLOROETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,1,2-TRICHLOROETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,1-DICHLOROETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,1-DICHLOROETHYLENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,2-DICHLOROETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,2-DICHLOROETHENE (TOTAL)	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			1,2-DICHLOROPROPANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			2-HEXANONE (MBK)	.022	mg/kg	U	N Y	U						EFMSV*25	00:
			ACETONE	.26	mg/kg		Y Y							EFMSV*25	00:
			BENZENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			BROMODICHLOROMETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			BROMOFORM	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			BROMOMETHANE	.0086	mg/kg	U	N Y	R		04C 05B				EFMSV*25	00:
			CARBON DISULFIDE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			CARBON TETRACHLORIDE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			CHLOROBENZENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			CHLOROETHANE	.0086	mg/kg	U	N Y	U						EFMSV*25	00:
			CHLOROFORM	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			CHLOROMETHANE	.0086	mg/kg	U	N Y	U						EFMSV*25	00:
			CIS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			DIBROMOCHLOROMETHANE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			ETHYLBENZENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			METHYL ETHYL KETONE (MEK)	.02	mg/kg	J	Y Y	J		15				EFMSV*25	00:
			METHYLENE CHLORIDE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			METHYLISOBUTYL KETONE (MIBK)	.022	mg/kg	U	N Y	U						EFMSV*25	00:
			STYRENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			TETRACHLOROETHENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			TOLUENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			TRANS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			TRICHLOROETHENE	.0043	mg/kg	U	N Y	U						EFMSV*25	00:
			VINYL ACETATE	.0086	mg/kg	U	N Y	U						EFMSV*25	00:
			VINYL CHLORIDE	.0086	mg/kg	U	N Y	U						EFMSV*25	00:
			XYLENE, TOTAL	.0012	mg/kg	J	Y Y	J		15				EFMSV*25	00:
I	I		ALUMINUM	12500	mg/kg		Y Y							EFM1S*25	00:
			ANTIMONY	.48	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			ARSENIC	4.81	mg/kg		Y Y							EFM1S*25	00:
			BARIUM	44.2	mg/kg		Y Y							EFM1S*25	00:
			BERYLLIUM	.736	mg/kg		Y Y							EFM1S*25	00:
			CADMIUM	.0997	mg/kg		Y Y							EFM1S*25	00:
			CALCIUM	249	mg/kg		Y Y							EFM1S*25	00:
			CHROMIUM	18.1	mg/kg		Y Y							EFM1S*25	00:
			COBALT	3.06	mg/kg		Y Y							EFM1S*25	00:
			COPPER	44.2	mg/kg		Y Y							EFM1S*25	00:

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Sample Number:	Analytical/Extraction Method:		Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim
	Flt	REX Dil:								1	2	3	4		
12-SS05	1	IRON	23800	mg/kg			Y	Y						EFM1S*25	00:
		LEAD	20.4	mg/kg			Y	Y						EFM1S*25	00:
		MAGNESIUM	2940	mg/kg			Y	Y						EFM1S*25	00:
		MANGANESE	21.5	mg/kg			Y	Y						EFM1S*25	00:
		MERCURY	.026	mg/kg			Y	Y	J	LT	24	15		EFM1S*25	00:
		NICKEL	9.06	mg/kg			Y	Y						EFM1S*25	00:
		POTASSIUM	578	mg/kg			Y	Y						EFM1S*25	00:
		SELENIUM	1.14	mg/kg			Y	Y						EFM1S*25	00:
		SILVER	.096	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		SODIUM	260	mg/kg			Y	Y						EFM1S*25	00:
		THALLIUM	.317	mg/kg			Y	Y	B				06B	EFM1S*25	00:
		VANADIUM	22.7	mg/kg			Y	Y						EFM1S*25	00:
		ZINC	60	mg/kg			Y	Y						EFM1S*25	00:
	1	1,2,4-TRICHLOROBENZENE	.1	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		1,2-DICHLOROBENZENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		1,3-DICHLOROBENZENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		1,4-DICHLOROBENZENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4,5-TRICHLOROPHENOL	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4,6-TRICHLOROPHENOL	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4-DICHLOROPHENOL	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4-DIMETHYLPHENOL	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4-DINITROPHENOL	1.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,4-DINITROTOLUENE	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2,6-DINITROTOLUENE	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2-CHLORONAPHTHALENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2-CHLOROPHENOL	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2-METHYLNAPHTHALENE	.1	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2-NITROANILINE	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		2-NITROPHENOL	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		3,3'-DICHLOROBENZIDINE	.5	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		3-NITROANILINE	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4,6-DINITRO-2-CRESOL	1	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4-CHLOROANILINE	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4-NITROANILINE	.3	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		4-NITROPHENOL	.5	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		ACENAPHTHENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		ACENAPHTHYLENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		ALPHA-PINENE	.68	mg/kg			Y	N						EFM1S*25	00:
		ANTHRACENE	.07	mg/kg	U		N	Y	U	LT				EFM1S*25	00:
		BENZOIC ACID	1.4	mg/kg	U		N	Y	U	LT				EFM1S*25	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim
										1	2	3	4		
12-SS05	1		BENZO[A]ANTHRACENE	.097	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			BENZO[A]PYRENE	.101	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			BENZO[B]FLUORANTHENE	.125	mg/kg		Y Y							EFM1S*25	00:
			BENZO[DEF]PHENANTHRENE	.181	mg/kg		Y Y							EFM1S*25	00:
			BENZO[GHI]PERYLENE	.066	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			BENZO[K]FLUORANTHENE	.096	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.027	mg/kg	J	Y Y	B	LT	15	24	06A		EFM1S*25	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			CHRYSENE	.136	mg/kg		Y Y							EFM1S*25	00:
			CLIONASTEROL	.453	mg/kg		Y N							EFM1S*25	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			FLUORANTHENE	.238	mg/kg		Y Y							EFM1S*25	00:
			FLUORENE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			HEXACHLOROBENZENE	.1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			HEXACHLOROBUTADIENE	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			HEXACHLOROCYCLOPENTADIENE	1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			HEXAChLOROETHANE	.1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			HEXADECANOIC ACID	.34	mg/kg		Y N							EFM1S*25	00:
			INDENO[1,2,3-C,D]PYRENE	.07	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			ISOPHORONE	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			N-NITROSODI-N-PROPYLAMINE	.1	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			N-NITROSODIPHENYLAMINE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			NAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			NITROBENZENE	.07	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			O-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			P-CRESOL	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			PENTACHLOROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*25	00:
			PHENANTHRENE	.064	mg/kg	J	Y Y	J	LT	15	24			EFM1S*25	00:
			PHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*25	00:
12-SS06	N 0 1		1,1,1-TRICHLOROETHANE	.0042	mg/kg	U	N Y	U						EFMSV*26	00:
			1,1,2-TETRACHLOROETHANE	.0042	mg/kg	U	N Y	U						EFMSV*26	00:
			1,1,2-TRICHLOROETHANE	.0042	mg/kg	U	N Y	U						EFMSV*26	00:
			1,1-DICHLOROETHANE	.0042	mg/kg	U	N Y	U						EFMSV*26	00:
			1,1-DICHLOROETHYLENE	.0042	mg/kg	U	N Y	U						EFMSV*26	00:

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											1	2	3	4		
12-SS06	N 0 1		1,2-DICHLOROETHANE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			1,2-DICHLOROETHENE (TOTAL)	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			1,2-DICHLOROPROPANE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			2-HEXANONE (MBK)	.021	mg/kg	U	N	Y	U						EFMSV*26	00:
			ACETONE	.059	mg/kg	B	Y	Y	B					06A	EFMSV*26	00:
			BENZENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			BROMODICHLOROMETHANE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			BROMOFORM	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			BROMOMETHANE	.0084	mg/kg	U	N	Y	R					04C 05B	EFMSV*26	00:
			CARBON DISULFIDE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			CARBON TETRACHLORIDE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			CHLOROBENZENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			CHLOROETHANE	.0084	mg/kg	U	N	Y	U						EFMSV*26	00:
			CHLOROFORM	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			CHLOROMETHANE	.0084	mg/kg	U	N	Y	U						EFMSV*26	00:
			CIS-1,3-DICHLOROPROPENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			DIBROMOCHLOROMETHANE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			ETHYLBENZENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			METHYL ETHYL KETONE (MEK)	.021	mg/kg	U	N	Y	U						EFMSV*26	00:
			METHYLENE CHLORIDE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			METHYLIOSOBUTYL KETONE (MIBK)	.021	mg/kg	U	N	Y	U						EFMSV*26	00:
			STYRENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			TETRACHLOROETHENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			TOLUENE	.00053	mg/kg	J	Y	Y	J					15	EFMSV*26	00:
			TRANS-1,3-DICHLOROPROPENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			TRICHLOROETHENE	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
			VINYL ACETATE	.0084	mg/kg	U	N	Y	U						EFMSV*26	00:
			VINYL CHLORIDE	.0084	mg/kg	U	N	Y	U						EFMSV*26	00:
			XYLENE, TOTAL	.0042	mg/kg	U	N	Y	U						EFMSV*26	00:
1			ALUMINUM	12700	mg/kg		Y	Y							EFM1S*26	00:
			BARIUM	32.3	mg/kg		Y	Y							EFM1S*26	00:
			BERYLLIUM	1.15	mg/kg		Y	Y							EFM1S*26	00:
			CALCIUM	196	mg/kg		Y	Y							EFM1S*26	00:
			CHROMIUM	19.6	mg/kg		Y	Y							EFM1S*26	00:
			MAGNESIUM	3580	mg/kg		Y	Y							EFM1S*26	00:
			MERCURY	.0634	mg/kg		Y	Y							EFM1S*26	00:
			POTASSIUM	577	mg/kg		Y	Y							EFM1S*26	00:
			SODIUM	427	mg/kg		Y	Y							EFM1S*26	00:
1			1,2,4-TRICHLOROBENZENE	.1	mg/kg	U	N	Y	U		LT				EFM1S*26	00:
			1,2-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U		LT				EFM1S*26	00:
			1,3-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U		LT				EFM1S*26	00:
			1,4-DICHLOROBENZENE	.07	mg/kg	U	N	Y	U		LT				EFM1S*26	00:
			2,4,5-TRICHLOROPHENOL	.3	mg/kg	U	N	Y	U		LT				EFM1S*26	00:

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										1	2	3	4		
12-SS06		1	2,4,6-TRICHLOROPHENOL	.3	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2,4-DICHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2,4-DIMETHYLPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2,4-DINITROPHENOL	.13	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2,4-DINITROTOLUENE	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2,6-DINITROTOLUENE	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2-CHLORONAPHTHALENE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2-CHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2-METHYLNAPHTHALENE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			2-NITROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			3,3'-DICHLOROBENZIDINE	.5	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			3-METHYL-4-CHLOROPHENOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			3-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4,6-DINITRO-2-CRESOL	1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4-BROMOPHENYL PHENYL ETHER	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4-CHLOROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4-CHLOROPHENYL PHENYL ETHER	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4-NITROANILINE	.3	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			4-NITROPHENOL	.5	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			ACENAPHTHENE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			ACENAPHTHYLENE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			ANTHRACENE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZOIC ACID	1.4	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[A]ANTHRACENE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[A]PYRENE	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[B]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[DEF]PHENANTHRENE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[GHI]PERYLENE	.16	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZO[KJ]FLUORANTHENE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BENZYL ALCOHOL	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BIS(2-CHLOROETHOXY) METHANE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BIS(2-CHLOROETHYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BIS(2-CHLOROISOPROPYL) ETHER	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			BIS(2-ETHYLHEXYL) PHTHALATE	.029	mg/kg	J	Y Y	B	LT	15	24	06A		EFM1S*26	00:
			BUTYLBENZYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			CHRYSENE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			CLIONASTEROL	.577	mg/kg		Y N							EFM1S*26	00:
			DI-N-BUTYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			DI-N-OCTYL PHTHALATE	.14	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			DIBENZOFURAN	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			DIBENZ[AH]ANTHRACENE	.16	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			DIETHYL PHTHALATE	.07	mg/kg	U	N Y	U	LT					EFM1S*26	00:
			DIMETHYL PHTHALATE	.1	mg/kg	U	N Y	U	LT					EFM1S*26	00:

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	VQlfr / Code:	Reason Codes				Lab Sample:	Anal Tim
										1	2	3	4		
12-SS06	1	FLUORANTHENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		FLUORENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		HEXACHLOROBENZENE		.1	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		HEXACHLOROBUTADIENE		.14	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		HEXACHLOROCYCLOPENTADIENE		1	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		HEXACHLOROETHANE		.1	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		INDENO[1,2,3-C,D]PYRENE		.16	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		ISOPHORONE		.14	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		N-NITROSODI-N-PROPYLAMINE		.1	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		N-NITROSODIPHENYLAMINE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		NAPHTHALENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		NITROBENZENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		O-CRESOL		.14	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		P-CRESOL		.14	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		PENTACHLOROPHENOL		.5	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		PHENANTHRENE		.07	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		PHENOL		.14	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
	2	ANTIMONY		.92	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		ARSENIC		5.72	mg/kg		Y	Y						EFM1S*26	00:
		CADMIUM		.323	mg/kg		Y	Y						EFM1S*26	00:
		COBALT		9.69	mg/kg		Y	Y						EFM1S*26	00:
		COPPER		39.2	mg/kg		Y	Y						EFM1S*26	00:
		IRON		39200	mg/kg		Y	Y						EFM1S*26	00:
		LEAD		21	mg/kg		Y	Y						EFM1S*26	00:
		MANGANESE		43.8	mg/kg		Y	Y						EFM1S*26	00:
		NICKEL		21.9	mg/kg		Y	Y						EFM1S*26	00:
		SELENIUM		1.4	mg/kg		Y	Y						EFM1S*26	00:
		SILVER		.186	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		THALLIUM		.46	mg/kg	U	N	Y	U	LT				EFM1S*26	00:
		VANADIUM		25.4	mg/kg		Y	Y						EFM1S*26	00:
		ZINC		94.6	mg/kg		Y	Y						EFM1S*26	00: