COVER SHEET

LABORATORY RESPONSE TO RESULTS OF CONTRACT COMPLIANCE SCREENING (CCS)

Response To: (check one) [✓] Organics CCS [ ] Inorganics CCS

Response materials sent to Organics CCS should be sent to the attention of Doris Ling, SMO.
Response materials sent to Inorganics CCS should be sent to the attention of Sa'ad Masri, SMO.

Laboratory Name: GULF

Response Date: 9/28/87

EPA Contract No.: 68-01-7141

Date Screening Results Received at Laboratory: 9/28/87

Case No.: 7770

Sample Nos.*: FD-259
FD-260

*Only list sample numbers that require reconciliation.

This form is used to identify materials sent in response to results of Contract Compliance Screening (CCS). A separate form must accompany the response for each Case.

Please indicate (on the attached continuation form) which fractions and/or which criteria correspond with your resubmission. Response materials sent to CCS should also be copied to the Region and to EMSL/LV, each with this blue Cover Sheet.

S. Calvacade

6/5/86

1012323

ORGANICS

LABORATORY RESPONSE TO RESULTS OF CCS (continued)

Sample	Fraction	Criterion	Comments
FD259	SV	B, H	Contract 68-01-7141 was not formally issued a modification
FD 260		B, H	until mid September. We verbally spoke to Leslie Braun and
FD-259-08		D H, E,	said that we would do diskette deliverables on this contract
FD-259-09	✓	B, H, E,	even though the contract did not have a formal mod. We
			asked about SDG numbers and were told that until the contract
			had a mod that SDG did not apply. This is why we did not
			put SDG numbers on the OTR's. The contract does have a mod
			now and we are now putting the SDG numbers on the OTR's. Therefore
			we are not resubmitting any OTR's received prior to mid September.
			PAGE NUMBERING - Harry McCarty called on September 25, 1987
			and we talked about this issue. He said that we did not have
			to resubmit any reports that have already gone out, but to
			start numbering the pages.
			B- There is a "BUG" in the program and we are presently
			working with Finnigan to correct. In the intrium we will
			submit the handwritten copy of Form V.

004763

10/8/86

Resubmission 9/28/87 mg

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Gulf South Research Inst. Contract: 68-01-

Lab Code: GULF Case No.: 7770 SAS No.: _____ SDG No.: FD259

Lab File ID: CP08087A DFTPP Injection Date: 8/5/87

Instrument ID: C DFTPP Injection Time: 10:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.00 (0.00)1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.00 (0.00)1
127	40.0 - 60.0% of mass 198	51.5
197	Less than 1.0% of mass 198	0.00
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.57
275	10.0 - 30.0% of mass 198	25.8
365	Greater than 1.00% of mass 198	2.03
441	Present, but less than mass 443	11.3
442	Greater than 40.0% of mass 198	87.6
443	17.0 - 23.0% of mass 442	16.4 (18.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD20	SVSTD 20PPM	CS08087A	8/5/87	10:57
02	SSTD50	SVSTD 50PPM	CS08087B	8/5/87	11:44
03	SSTD80	SVSTD 80PPM	CS08087C	8/5/87	13:12
04	SSTD120	SVSTD 120PPM	CS08087D	8/5/87	13:54
05	SSTD160	SVSTD 160PPM	CS08087E	8/5/87	14:37
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Res. Omission 9/28/87 mcf

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Gulf South Research Inst. Contract: 68-01- 7141

Lab Code: GULF Case No.: 7770 SAS No.: _____ SDG No.: FD259

Lab File ID: CP081487A DFTPP Injection Date: 8/14/87

Instrument ID: C DFTPP Injection Time: 14:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	35.6
68	Less than 2.0% of mass 69	0 (0)1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0 (0)1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.66
275	10.0 - 30.0% of mass 198	22.9
365	Greater than 1.00% of mass 198	1.55
441	Present, but less than mass 443	7.68
442	Greater than 40.0% of mass 198	47.7
443	17.0 - 23.0% of mass 442	13.7 (20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:
CSAB0814.AQ CSBAB7C.AQ

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD50	SVSTDSDPPM	CS081487A	8/14/87	14:27
02	FD-259	BAB02	SVBAB02	8/14/87	15:38
03	FD-259MS	BAB02MS	SVBAB02.MS	8/14/87	16:21
04	FD-259MSD	BAB02MSD	SVBAB02.MSD	8/14/87	17:04
05	FD-260	BAB04	SVBAB04	8/14/87	17:48
06	SBLK	BABBLK	SVBABBLK	8/14/87	18:29
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Resubmission

9/28/87
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5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Gulf South Research Inst. Contract: 68-01-7141

Lab Code: GULF Case No.: 7770 SAS No.: _____ SDG No.: FD259

Lab File ID: CP08248 7B DFTPP Injection Date: 8/24/87

Instrument ID: C DFTPP Injection Time: 13:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.8
68	Less than 2.0% of mass 69	0 (0)1
69	Mass 69 relative abundance	42.0
70	Less than 2.0% of mass 69	0 (0)1
127	40.0 - 60.0% of mass 198	53.6
197	Less than 1.0% of mass 198	0
198	Base Peak, 100% relative abundance	100.
199	5.0 to 9.0% of mass 198	7.87
275	10.0 - 30.0% of mass 198	23.7
365	Greater than 1.00% of mass 198	2.83
441	Present, but less than mass 443	8.43
442	Greater than 40.0% of mass 198	63.1
443	17.0 - 23.0% of mass 442	13.6 (21.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CSAB0824.AQ CSAB7C2.AQ

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTDSO	SVPSTDSO	CS08248 7B	8/24/87	15:52
02	SPLK	BABLK2	SVBABLK2	8/24/87	20:43
03	FD259MSLCC	BAB01MS	SVBAB01MS	8/24/87	21:27
04	FD259MSLCC	BAB01MSD	SVBAB01MSD	8/24/87	22:10
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submission gp
9/28/87

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: G S R I Contract: 68-01-7141

Lab Code: GULF Case No.: 7770 SAS No.: _____ SDG No.: FD259

Instrument ID: C Calibration date: 08/24/87 Time: 1552

Lab File ID: CS082487B Init. Calib. Date(s): 08/05/87 08/05/87

Min RRF50 for SPCC(#) = 0.050 Max %D for CCC(*) = 25.0%

COMPOUND	RRF	RRF50	%D	
Phenol	1.889	1.913	-1.3	*
bis(2-Chloroethyl)Ether	1.423	1.409	1.0	
2-Chlorophenol	1.457	1.498	-2.8	
1,3-Dichlorobenzene	1.447	1.467	-1.4	
1,4-Dichlorobenzene	1.510	1.496	0.9	*
Benzyl Alcohol	0.850	0.911	-7.2	
1,2-Dichlorobenzene	1.425	1.509	-5.9	
2-Methylphenol	1.204	1.387	-15.2	
bis(2-Chloroisopropyl)Ether	1.368	2.066	-51.0	
4-Methylphenol	1.328	1.526	-14.9	
N-Nitroso-Di-n-Propylamine	0.252	0.290	-15.1	#
Hexachloroethane	0.561	0.641	-14.3	
Nitrobenzene	0.398	0.504	-26.6	
Isophorone	0.703	0.760	-8.1	
2-Nitrophenol	0.228	0.231	-1.3	*
2,4-Dimethylphenol	0.302	0.292	3.3	
Benzoic Acid	0.219	0.228	-4.1	
bis(2-Chloroethoxy)Methane	0.451	0.496	-10.0	
2,4-Dichlorophenol	0.300	0.279	7.0	*
1,2,4-Trichlorobenzene	0.327	0.317	3.1	
Naphthalene	0.986	1.068	-8.3	
4-Chloroaniline	0.346	0.375	-8.4	
Hexachlorobutadiene	0.169	0.159	5.9	*
4-Chloro-3-Methylphenol	0.308	0.333	-8.1	*
2-Methylnaphthalene	0.587	0.564	3.9	
Hexachlorocyclopentadiene	0.319	0.269	15.7	#
2,4,6-Trichlorophenol	0.434	0.361	16.8	*
2,4,5-Trichlorophenol	0.311	0.391	-25.7	
2-Chloronaphthalene	1.085	1.100	-1.4	
2-Nitroaniline	0.458	0.477	-4.1	
Dimethyl Phthalate	1.091	1.097	-0.6	
Acenaphthylene	1.603	1.646	-2.7	
3-Nitroaniline	0.268	0.322	-20.2	
Acenaphthene	1.049	1.048	0.1	*
2,4-Dinitrophenol	0.184	0.127	~~100.0~~ 30.877	# gp
4-Nitrophenol	0.104	0.109	-4.8	#

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