TABLE 2B
ANALYTICAL RESULTS OF
STS-108 CONTAINER AIR SAMPLES

CHEMICAL CONTAMINANT	T-VALUE (7-d SMAC)		
	AA03232 S/N 1004 Preflight Scrub 12/4/01@ 12:20EST	AA03231 S/N 1015 Preflight 12/5/01@ 12:10EST	AA03245 S/N 1007 Middeck 12/17/01@ 11:28GMT
TARGET COMPOUNDS (TO-14/POLAR)* **			
FREON 12	ND	ND	0.00005
CHLOROMETHANE	ND	ND	0.00061
FREON 114	ND	ND	ND
METHANOL	0.00278	0.00278	0.02242
ACETALDEHYDE	0.00625	0.08540	0.04280
VINYL CHLORIDE	ND	ND	ND
BROMOMETHANE	ND	ND	ND
ETHANOL	0.00001	0.00004	0.00173
CHLOROETHANE	ND	ND	ND
ACETONITRILE	ND	ND	0.00373
PROPENAL	ND	0.33333	ND
ACETONE	0.00048	0.01080	0.00329
PROPANAL	0.00175	0.01132	0.00175
2-PROPANOL	0.00056	0.00034	0.00057
FREON 11	ND	ND	ND
FURAN	ND	ND	ND
ACRYLONITRILE	ND	ND	ND
PENTANE	ND	0.00004	ND
2-METHYL-2-PROPANOL	ND	ND	0.00017
METHYL ACETATE	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND
DICHLOROMETHANE	ND	ND	0.00368
3-CHLOROPROPENE	ND	ND	ND
FREON 113	ND	ND	ND
N-PROPANOL	ND	0.00026	0.00026
1,1-DICHLOROETHANE	ND	ND	ND
BUTANAL	ND	0.00566	0.00141
2-BUTANONE	ND	0.00730	0.00083
1,2-DICHLOROETHENE	ND	ND	ND
2-METHYLFURAN	ND	ND	ND
ETHYL ACETATE	ND	ND	0.00014
HEXANE	0.00014	ND	ND
CHLOROFORM	ND	ND	ND
2-BUTENAL	ND	0.01471	ND
1,2-DICHLOROETHANE	ND	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND	ND
N-BUTANOL	ND	0.00031	0.00031
BENZENE	ND	ND	ND
CARBON TETRACHLORIDE	ND	ND	ND
2-PENTANONE	ND	0.00192	ND
PENTANAL	ND	0.00450	0.00118
1,2-DICHLOROPROPANE	ND	ND	ND
1,4-DIOXANE	ND	ND	ND
TRICHLOROETHENE	ND	ND	ND
2,5-DIMETHYLFURAN	ND	ND	ND
4-METHYL-2-PENTANONE	ND	0.00018	0.00018
CIS-1,3-DICHLOROPROPENE	ND	ND	ND
2-PENTENAL	ND	ND	ND

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TRANS-1,3-DICHLOROPROPENE	ND	ND	ND
1,1,2-TRICHLOROETHANE	ND	ND	ND
TOLUENE	0.00123	0.00042	0.00042
HEXANAL	ND	0.00332	0.00101
MESITYL OXIDE	ND	ND	ND
1,2-DIBROMOETHANE	ND	ND	ND
BUTYL ACETATE	ND	ND	ND
TETRACHLOROETHENE	ND	ND	ND
CHLOROBENZENE	ND	ND	ND
ETHYL BENZENE	ND	ND	ND
M- + P-XYLENES	ND	ND	ND
2-HEPTANONE	ND	0.00343	ND
CYCLOHEXANONE	ND	0.00042	ND
HEPTANAL	ND	0.00250	0.00089
STYRENE	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	ND	ND	ND
O-XYLENE	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND
1,3-DICHLOROBENZENE	ND	ND	ND
1,4-DICHLOROBENZENE	ND	ND	ND
1,2-DICHLOROBENZENE	ND	ND	ND
1,2,4-TRICHLOROBENZENE	ND	ND	ND
HEXACHLORO-1,3-BUTADIENE	ND	ND	ND

TARGET COMPOUNDS (TOXIC)			
1,3-BUTADIENE	ND	ND	ND
ETHYLENE OXIDE	ND	ND	ND
CARBON DISULFIDE	ND	ND	0.00156
2-METHYL-2-PROPENAL	ND	0.01471	ND
3-BUTEN-2-ONE	ND	0.05814	ND
DIMETHYLDISULFIDE	ND	ND	ND
2-ETHOXYETHANOL	ND	ND	ND
OCTAMETHYLCYCLOTETRASILOXANE	0.00009	0.00009	0.00306

NON-TARGET COMPOUNDS			
OCTAFLUOROPROPANE	BL	BL	0.00228
CHLOROPENTAFLUOROETHANE	BL	BL	0.00003
BROMOTRIFLUOROMETHANE	BL	BL	0.00009
1-PROPENE	BL	0.00006	0.00001
PROPANE	BL	0.00001	0.00000
CARBONYL SULFIDE	0.00003	0.00013	0.00006
2-METHYLPROPANE	BL	BL	BL
TRIMETHYLSILANOL	BL	BL	0.00025
1,3-DIOXOLANE	BL	BL	0.00018
2-METHYLPROPANENITRILE	BL	BL	BL
C7 ALKANE	0.00001	BL	BL
HEPTANE	BL	0.00002	BL
C5-ALCOHOL	BL	0.00069	BL
C5-ALCOHOL	BL	0.00121	BL
C6-ALDEHYDE	BL	0.00948	BL
2-HEXANONE	BL	0.00223	BL
HEXAMETHYLCYCLOTRISILOXANE	0.00036	0.00021	0.01932

CHEMICAL CONTAMINANT	T-VALUE (7-d SMAC)		
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C8-KETONE	BL	0.01533	BL
C8-KETONE	BL	0.00097	BL
C8-ALKENE	BL	0.00016	BL
BENZALDEHYDE	0.00001	0.00009	0.00001
LIMONENE	BL	BL	0.00001
C9-KETONE	BL	0.00305	BL
DECAMETHYLCYCLOPENTASILOXANE	BL	BL	0.02656

TARGET COMPOUNDS (GC)* **			
ETHYLENE	ND	ND	ND
CARBON MONOXIDE	ND	0.10000	0.36364
METHANE	0.00037	0.00039	0.00711
HYDROGEN	ND	ND	0.03235
CARBON DIOXIDE	0.05077	0.04846	0.28462

TOTAL T-VALUE	**0.06483**	**0.74438**	**0.82858**

ND : Value is less than the laboratory report detection limit.
BL: Area below the search routine limit (< 20% of the fluorobenzene peak area).
Note: Number of decimal places in T-Values do not represent significant figures of measurements.
***Measurements are calibrated by multi-point initial calibration and verified by mid-point continuing calibration.