

**Table 2-3**  
**SVE System Laboratory and Field Analytical Data**  
**January - March 2013**

Laboratory Analytical Results <sup>a</sup>					
	Date	3/20/13	3/20/13	3/20/13	3/20/13
Parameter	Conc. Units	KAFB-106160-IN	KAFB-106161-IN	CATOX-IN	CATOX-POSTC1
Benzene	ppm <sub>v</sub>	2.1	1.7	1.1	0.6
Toluene	ppm <sub>v</sub>	4.5	7.6	1.5	2.6
Ethylbenzene	ppm <sub>v</sub>	ND	ND	ND	0.18
Xylenes	ppm <sub>v</sub>	0.8	1.6	ND	0.8
Hexane	ppm <sub>v</sub>	14.0	7.1	87.0	1.9
1,3,5-Trimethylbenzene	ppm <sub>v</sub>	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppm <sub>v</sub>	ND	ND	ND	ND
Acetone	ppm <sub>v</sub>	1.5	ND	2.6	0.1
1,2 Dibromoethane (EDB)	ppm <sub>v</sub>	ND	ND	ND	ND
1,2-Dichlorethane (EDC)	ppm <sub>v</sub>	ND	ND	ND	ND
Other organic compounds	ppm <sub>v</sub>	ND	1.8	ND	ND
Heptane	ppm <sub>v</sub>	3.8	4.6	37.0	1.4
Total Lab VOC (no C8-C12 GRO) <sup>(b)</sup>	ppm <sub>v</sub>	26.7	24.4	129.2	7.5
Total Lab VOC <sup>(b)</sup> (with C5-C12 GRO)	ppm <sub>v</sub>	163	158	595	25
Destruction Removal Efficiency (DRE) <sup>c</sup>	%				95.7
Operational Field VOC DRE Results <sup>d</sup>					
Location	Conc. Units	CATOX SVE System (March 2013)			
Influent Concentration	ppm <sub>v</sub>	2,480			
Effluent Concentration	ppm <sub>v</sub>	799			
DRE <sup>c</sup>	%	67.8			

Notes:

- ND - Not-detected. The compound was analyzed for but not detected, number indicates the detection limit.
- Gasoline Range Organics (GRO) including butane, pentane, hexane, heptane, and other higher carbon compounds for other sampling periods. A 0.25 factor of the detection limits was used for the non-detect C9-C12 aromatic and aliphatic hydrocarbon compounds.
- DRE - Destruction removal efficiency
- Data are based on Horiba field measurements on site