2017 Hurricane Harvey Deployment
Arkema Site and Rapid Needs Assessment Positive Chemical Detections
9/4/2017 2:08:56 PM

Date	Flight #	Primary Mission	Compound	Limit of Detection (ppm)	Detection*	Longitude#	Latitude
8/29	1	Systems Check	na	na	na	na	na
8/30	2	Arkema Site	No Detections	na	na	na	na
8/31	3	Arkema Site	No Detections	na	na	na	na
8/31	4	Arkema Site	Peroxide	5.3	Trace	*	*
8/31	5	Arkema Site	Peroxide	5.3	Trace	*	*
9/1	6	Arkema Site	No Detections	na	na	na	na
9/1	7	Arkema Site & Zone 5 RNA	Peroxide (Arkema) Zone 5:1-3 butadiene	5.3 5	Trace, mult passes Trace	* *	* *
9/1	8	Arkema Site (Fires)	Peroxide	5.3	Trace, mult passes	*	*
9/2	9	Arkema Site & Zones 5 & 6 RNA	Zone 6: 1-3 butadiene	5	7 ppm (max)	*	*
9/2	10	Arkema Site & Zone 6 RNA	Peroxide	5.3	Trace, mult passes	*	*
9/2	11	Arkema Site	Peroxide	5.3	Trace Trace Trace	* * *	* * *
9/3	12	Arkema Site Zone 6 & 7 RNA	Arkema: Peroxide Zone 6: isobutylene Zone 6: isoprene Zone 6: 1-butene Zone 7 SO_2	5.3 8.5 6.5 12 1.5	Trace Trace Trace Trace Trace		
9/3	13	Arkema Site	Peroxide	5.3	7.7 ppm (max)		
9/4	14	Zone 7 RNA	No Detections	na	na	na	na
9/4	15	Zone 4 RNA	TBD				

* "Trace" detection represent a value slightly above (about 1 ppm) the limit of detection.
# GIS products pending.

ED_004042_00000237-00001