

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\  
 Data File : VL032867.D  
 Acq On : 1 Dec 2018 2:50  
 Operator : SY/AP  
 Sample : J6132-06DL 40X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_L  
**Client Sampled :**  
 DSV-05DL

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/3/2018 4:17:01 PM

Quant Time: Dec 01 04:20:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 1  
 QLast Update : Wed Nov 14 07:00:23 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1475492	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3611309	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3398464	10.00	ppbv	0.00

System Monitoring Compounds  
 68) 1-Bromo-4-Fluorobenzene 14.58 95 2512604 9.88 ppbv 0.00  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	220222	4.704	ppbv	95
13) Ethanol	3.68	45	12626m	0.823	ppbv	
15) Acetone	3.92	43	82336	0.611	ppbv #	83
27) Carbon Disulfide	4.63	76	58349	0.329	ppbv #	66
34) 2-Butanone	5.35	43	98214	0.524	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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