

Data Path : W:\HPCHEM1\MSVOA\_L\DATA\VL072715\  
 Data File : VL025760.D  
 Acq On : 27 Jul 2015 19:36  
 Operator : SY/MD  
 Sample : G3092-02DL 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 A-217-IDL

Manual Integrations  
 APPROVED

sam  
 7/28/2015 12:00:50 PM

Quant Time: Jul 28 02:11:25 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_L\METHODS\VL070715AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Jul 08 02:11:25 2015  
 QLast Update : Wed Jul 08 02:22:55 2015  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 6.65  | 49   | 794713   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 8.32  | 114  | 2084628  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 13.74 | 117  | 2529611  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 16.29  | 95    | 2138634  | 10.02    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.20% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|------|------|----------|-------|--------|--------|
| 9) Propene             | 3.61 | 41   | 27860m   | 0.75  | ppbv   |        |
| 13) Ethanol            | 4.34 | 45   | 77590    | 13.41 | ppbv   | 97     |
| 15) Acetone            | 4.63 | 43   | 69942    | 0.50  | ppbv # | 87     |
| 20) Methylene Chloride | 5.15 | 84   | 8150     | 0.14  | ppbv # | 90     |

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

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