

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\  
 Data File : VL025623.D  
 Acq On : 8 Jul 2015 1:17  
 Operator : SY/MD  
 Sample : G2872-02DL 40X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 DIN46-MIDSTREAM-07011DL

Quant Time: Jul 08 08:43:15 2015  
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jul 08 02:22:55 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   | 701306   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 8.34  | 114  | 1883001  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 13.75 | 117  | 2223133  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 16.29  | 95    | 1857232  | 9.90     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.00% |

| Target Compounds           | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|------|------|----------|-------|--------|--------|
| 5) Vinyl Chloride          | 3.89 | 62   | 11875    | 0.24  | ppbv # | 79     |
| 9) Propene                 | 3.60 | 41   | 15721    | 0.48  | ppbv   | 94     |
| 15) Acetone                | 4.62 | 43   | 174914   | 1.41  | ppbv   | 95     |
| 17) tert-Butyl alcohol     | 5.16 | 59   | 169088   | 1.63  | ppbv   | 98     |
| 18) 1,1-Dichloroethene     | 5.09 | 96   | 38150    | 0.74  | ppbv   | 89     |
| 24) 1,1-Dichloroethane     | 5.91 | 63   | 329754   | 2.62  | ppbv   | 99     |
| 26) Hexane                 | 6.67 | 57   | 32693    | 0.37  | ppbv # | 42     |
| 27) Carbon Disulfide       | 5.40 | 76   | 40303    | 0.28  | ppbv # | 75     |
| 30) Cyclohexane            | 8.29 | 84   | 80050    | 0.95  | ppbv # | 67     |
| 31) cis-1,2-Dichloroethene | 6.52 | 61   | 633351   | 7.22  | ppbv   | 100    |
| 32) 1,1,1-Trichloroethane  | 7.60 | 97   | 72469    | 0.38  | ppbv   | 97     |
| 34) 2-Butanone             | 6.24 | 43   | 23151    | 0.22  | ppbv   | 97     |
| 38) Trichloroethene        | 9.07 | 130  | 7287861  | 86.92 | ppbv   | 95     |
| 41) Tetrahydrofuran        | 7.17 | 42   | 17791    | 0.33  | ppbv   | 92     |

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

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