

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102015\  
 Data File : VL026211.D  
 Acq On : 20 Oct 2015 13:47  
 Operator : SY/MD  
 Sample : VSTDIC0.03  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDIC0.03

Quant Time: Oct 20 14:37:43 2015  
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Oct 20 14:20:46 2015  
 QLast Update : Tue Oct 20 14:20:46 2015  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 6.63  | 49   | 553878   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 8.30  | 114  | 1621680  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 13.72 | 117  | 1909457  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 16.25  | 95    | 1527317  | 10.36    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.60% |

| Target Compounds              | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-------------------------------|-------|------|----------|------|-------|--------|
| 5) Vinyl Chloride             | 3.89  | 62   | 1251     | 0.03 | ppbv  | # 42   |
| 32) 1,1,1-Trichloroethane     | 7.58  | 97   | 4275     | 0.04 | ppbv  | 90     |
| 35) Carbon Tetrachloride      | 8.13  | 117  | 4025     | 0.03 | ppbv  | 98     |
| 38) Trichloroethene           | 9.05  | 130  | 3343     | 0.04 | ppbv  | # 83   |
| 52) Tetrachloroethene         | 12.76 | 164  | 4662     | 0.05 | ppbv  | # 83   |
| 63) 1,1,2,2-Tetrachloroethane | 15.46 | 83   | 5601     | 0.03 | ppbv  | # 92   |

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

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