

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\  
 Data File : VL035803.D  
 Acq On : 3 Nov 2020 13:01  
 Operator : SY/AP  
 Sample : VSTDIC0.1  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDIC0.1

Manual Integrations  
 APPROVED

MMDadoda  
 11/5/2020 2:13:23 PM

Quant Time: Nov 03 14:18:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Nov 03 14:18:18 2020  
 QLast Update : Tue Nov 03 11:09:05 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1430760  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 6029952  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 5567389  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 3980006  | 9.54     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 95.40% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 5) Vinyl Chloride             | 3.26  | 62   | 10124    | 0.104 | ppbv  | 89     |
| 32) 1,1,1-Trichloroethane     | 6.51  | 97   | 34193m   | 0.126 | ppbv  |        |
| 35) Carbon Tetrachloride      | 7.01  | 117  | 32096m   | 0.102 | ppbv  |        |
| 38) Trichloroethene           | 7.83  | 130  | 23347    | 0.119 | ppbv  | 94     |
| 52) Tetrachloroethene         | 11.22 | 164  | 21997m   | 0.116 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.67 | 83   | 45043m   | 0.111 | ppbv  |        |

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

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