

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111323\  
 Data File : VL040839.D  
 Acq On : 13 Nov 2023 13:18  
 Operator : SY/MD  
 Sample : VSTDICC0.1  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICC0.1

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023  
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:37:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111323AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2023  
 QLast Update : Mon Nov 13 15:18:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 5.185  | 49    | 1133804  | 10.000   | ppbv   | 0.01     |
| 33) 1,4-Difluorobenzene       | 6.639  | 114   | 2933318  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 11.446 | 117   | 2645168  | 10.000   | ppbv   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 0.000  | 95    | 0d       | 0.000    | ppbv   |          |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 0.000%#  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl Chloride             | 2.928  | 62    | 5384     | 0.080    | ppbv # | 81       |
| 32) 1,1,1-Trichloroethane     | 5.986  | 97    | 16067m   | 0.089    | ppbv   |          |
| 35) Carbon Tetrachloride      | 6.484  | 117   | 15630    | 0.093    | ppbv # | 83       |
| 38) Trichloroethene           | 7.279  | 130   | 8321m    | 0.084    | ppbv   |          |
| 52) Tetrachloroethene         | 10.587 | 164   | 7423m    | 0.082    | ppbv   |          |
| 54) 1,2-Dibromoethane         | 9.983  | 107   | 11123m   | 0.086    | ppbv   |          |
| 63) 1,1,2,2-Tetrachloroethane | 13.040 | 83    | 18629m   | 0.094    | ppbv   |          |
| 79) Naphthalene               | 21.378 | 128   | 6939m    | 0.031    | ppbv   |          |
| -----                         |        |       |          |          |        |          |

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

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