

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072325\  
 Data File : VL042754.D  
 Acq On : 23 Jul 2025 13:00  
 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 : Semsettin Yesilyurt 07/24/2025  
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:01:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 2.784  | 49    | 152358   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 3.953  | 114   | 438604   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 8.879  | 117   | 393042   | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 10.374 | 95    | 298283   | 9.583    | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 95.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl Chloride             | 1.583  | 62    | 837      | 0.104    | ppbv # | 60       |
| 32) 1,1,1-Trichloroethane     | 3.363  | 97    | 3550     | 0.108    | ppbv   | 96       |
| 35) Carbon Tetrachloride      | 3.758  | 117   | 3035m    | 0.093    | ppbv   |          |
| 38) Trichloroethene           | 4.555  | 130   | 2207m    | 0.110    | ppbv   |          |
| 52) Tetrachloroethene         | 8.222  | 164   | 1852m    | 0.107    | ppbv   |          |
| 54) 1,2-Dibromoethane         | 7.665  | 107   | 2184m    | 0.094    | ppbv   |          |
| 63) 1,1,2,2-Tetrachloroethane | 9.963  | 83    | 3084m    | 0.095    | ppbv   |          |
| 79) Naphthalene               | 13.514 | 128   | 2509     | 0.475    | ppbv # | 96       |
| -----                         |        |       |          |          |        |          |

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

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