

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\  
 Data File : VL036846.D  
 Acq On : 27 Apr 2021 3:57  
 Operator : SY/AP  
 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 04/28/2021  
 Supervised By :Mahesh Dadoda 04/29/2021

Quant Time: Apr 27 07:46:47 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Tue Apr 27 07:21:25 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1576710  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3892672  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 3301880  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2663474  | 10.17    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.70% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 5) Vinyl Chloride             | 3.25  | 62   | 9985m    | 0.095 | ppbv  |        |
| 32) 1,1,1-Trichloroethane     | 6.50  | 97   | 26262m   | 0.095 | ppbv  |        |
| 35) Carbon Tetrachloride      | 7.01  | 117  | 28292m   | 0.095 | ppbv  |        |
| 38) Trichloroethene           | 7.83  | 130  | 11222m   | 0.081 | ppbv  |        |
| 52) Tetrachloroethene         | 11.22 | 164  | 10370m   | 0.079 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.67 | 83   | 30249m   | 0.099 | ppbv  |        |

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

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