

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040522\  
 Data File : VL038817.D  
 Acq On : 5 Apr 2022 19:03  
 Operator : SY/AP  
 Sample : VSTDICC0.03  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 VSTDICC0.03

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022  
 Supervised By :Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 20:03:26 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Tue Apr 05 17:22:42 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1473489  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3924590  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 3426737  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.40  | 95    | 2634724  | 10.03    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.30% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 5) Vinyl Chloride             | 3.27  | 62   | 2536m    | 0.029 | ppbv  |        |
| 32) 1,1,1-Trichloroethane     | 6.52  | 97   | 6450m    | 0.029 | ppbv  |        |
| 35) Carbon Tetrachloride      | 7.01  | 117  | 7225m    | 0.032 | ppbv  |        |
| 38) Trichloroethene           | 7.83  | 130  | 5059m    | 0.040 | ppbv  |        |
| 52) Tetrachloroethene         | 11.21 | 164  | 3955m    | 0.036 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.68 | 83   | 8038m    | 0.031 | ppbv  |        |

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

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