Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
Data File : VL040436.D
Acq On : 16 May 2023 12:53
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC0.03

Quant Time: May 16 13:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Tue May 16 11:16:05 2023
Response via : Initial Calibration

**Manual Integrations**
**APPROVED**
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Bromochloromethane | 5.201 | 49 | 998706 | 10.000 | ppbv | 0.01 |
| 33) 1,4-Difluorobenzene | 6.664 | 114 | 2507087 | 10.000 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 11.484 | 117 | 2177022 | 10.000 | ppbv | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.796 | 95 | 1713286 | 9.517 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 95.200% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl Chloride | 2.922 | 62 | 2685m | 0.039 | ppbv | |
| 32) 1,1,1-Trichloroethane | 6.018 | 97 | 8300m | 0.048 | ppbv | |
| 35) Carbon Tetrachloride | 6.500 | 117 | 6771m | 0.038 | ppbv | |
| 38) Trichloroethene | 7.308 | 130 | 4958m | 0.043 | ppbv | |
| 52) Tetrachloroethene | 10.629 | 164 | 2510m | 0.039 | ppbv | |
| 63) 1,1,2,2-Tetrachloroethane | 13.066 | 83 | 3550m | 0.041 | ppbv | |

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

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Quant Time: May 16 13:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue May 16 11:16:05 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC0.03

**Manual Integrations APPROVED**
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023