Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\
Data File : VL034174.D
Acq On : 17 Sep 2019 6:47
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 07:22:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 1
QLast Update : Tue Sep 17 05:58:04 2019
Response via : Initial Calibration

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC0.1

**Manual Integrations APPROVED**
MMDadoda
9/20/2019 12:44:02 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.70 | 49 | 1310940 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.22 | 114 | 2157617 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.16 | 117 | 2179976 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.50 | 95 | 1928838 | 10.73 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 107.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl Chloride | 3.25 | 62 | 7762 | 0.093 | ppbv | 90 |
| 32) 1,1,1-Trichloroethane | 6.56 | 97 | 17533m | 0.089 | ppbv | |
| 35) Carbon Tetrachloride | 7.07 | 117 | 17748m | 0.104 | ppbv | |
| 38) Trichloroethene | 7.89 | 130 | 9361m | 0.101 | ppbv | |
| 52) Tetrachloroethene | 11.30 | 164 | 6953m | 0.080 | ppbv | |
| 63) 1,1,2,2-Tetrachloroethane | 13.76 | 83 | 22893m | 0.096 | ppbv | |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\
Data File : VL034174.D
Acq On : 17 Sep 2019 6:47
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 07:22:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep
QLast Update : Tue Sep 17 05:58:04 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC0.1

**Manual Integrations APPROVED**
MMDadoda
9/20/2019 12:44:02 AM