Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034322.D
Acq On : 17 Oct 2019 18:40
Operator : SY/AP
Sample : K5111-15 0.03 PPB MDL
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:18:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 1
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
MDL-MDL-AIR-03-QT4-2019DL

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 2:54:59 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.69 | 49 | 969306 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.21 | 114 | 1824034 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.15 | 117 | 1825450 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.49 | 95 | 1581499 | 10.23 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl Chloride | 3.23 | 62 | 2924m | 0.046 | ppbv | |
| 32) 1,1,1-Trichloroethane | 6.54 | 97 | 6243m | 0.041 | ppbv | |
| 35) Carbon Tetrachloride | 7.06 | 117 | 5405m | 0.034 | ppbv | |
| 38) Trichloroethene | 7.89 | 130 | 2647m | 0.038 | ppbv | |
| 52) Tetrachloroethene | 11.29 | 164 | 2765m | 0.040 | ppbv | |
| 63) 1,1,2,2-Tetrachloroethane | 13.76 | 83 | 6606m | 0.037 | ppbv | |

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

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