Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
Data File : VL042037.D
Acq On : 21 Feb 2025 12:47
Operator : SY/MD
Sample : Q1386-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 21:52:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Feb 18 00:13:37 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1A

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 2.784 | 49 | 89356 | 10.000 | ppbv | | -0.02 |
| 33) 1,4-Difluorobenzene | 3.955 | 114 | 243432 | 10.000 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 8.878 | 117 | 217289 | 10.000 | ppbv | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95 | 187999 | 10.489 | ppbv | | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 104.900% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.496 | 85 | 7690 | 0.500 | ppbv | | 92 |
| 3) Chlorodifluoromethane | 1.473 | 51 | 61725 | 3.630 | ppbv | # | 90 |
| 4) Chloromethane | 1.531 | 50 | 3340m | 0.559 | ppbv | | |
| 9) Propene | 1.486 | 41 | 75262m | 10.266 | ppbv | | |
| 10) Heptane | 4.972 | 43 | 3569m | 0.175 | ppbv | | |
| 11) Trichlorofluoromethane | 1.874 | 101 | 6675m | 0.431 | ppbv | | |
| 13) Ethanol | 1.719 | 45 | 162607 | 196.643 | ppbv | | 77 |
| 15) Acetone | 1.832 | 43 | 423547 | 28.717 | ppbv | | 98 |
| 17) tert-Butyl alcohol | 2.046 | 59 | 2141m | 0.117 | ppbv | | |
| 19) Isopropyl Alcohol | 1.884 | 45 | 207336 | 25.070 | ppbv | # | 83 |
| 20) Methylene Chloride | 2.059 | 84 | 304608 | 54.864 | ppbv | | 92 |
| 26) Hexane | 2.823 | 57 | 241289 | 14.853 | ppbv | # | 37 |
| 29) Chloroform | 2.845 | 83 | 4852 | 0.206 | ppbv | | 88 |
| 31) cis-1,2-Dichloroethene | 2.716 | 61 | 3320 | 0.207 | ppbv | # | 93 |
| 34) 2-Butanone | 2.560 | 43 | 15472 | 0.739 | ppbv | | 100 |
| 35) Carbon Tetrachloride | 3.761 | 117 | 2279m | 0.096 | ppbv | | |
| 36) Benzene | 3.654 | 78 | 6606 | 0.224 | ppbv | # | 88 |
| 38) Trichloroethene | 4.538 | 130 | 5432m | 0.453 | ppbv | | |
| 41) Tetrahydrofuran | 3.062 | 42 | 6580m | 0.550 | ppbv | | |
| 43) Methyl Methacrylate | 4.884 | 69 | 12799m | 0.952 | ppbv | | |
| 52) Tetrachloroethene | 8.225 | 164 | 105923 | 10.299 | ppbv | | 93 |
| 53) Toluene | 6.927 | 91 | 10610m | 0.302 | ppbv | | |
| 59) m/p-Xylene | 9.535 | 91 | 4032m | 0.108 | ppbv | | |
| 76) 1,4-Dichlorobenzene | 11.672 | 146 | 4837 | 0.224 | ppbv | | 95 |
| 79) Naphthalene | 13.510 | 128 | 4810 | 0.119 | ppbv | # | 91 |

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

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