Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
Data File : VL040395.D
Acq On : 20 Apr 2023 00:58
Operator : SY/MD
Sample : 02368-04DL 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 07:51:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
AP1-ADL

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 5.176 | 49 | 938860 | 10.000 | ppbv | -0.01 |
| 33) 1,4-Difluorobenzene | 6.639 | 114 | 2732665 | 10.000 | ppbv | -0.02 |
| 55) Chlorobenzene-d5 | 11.455 | 117 | 2438044 | 10.000 | ppbv | -0.02 |
| System Monitoring Compounds | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.767 | 95 | 1933561 | 9.591 | ppbv | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 95.900% | | | |
| Target Compounds | | | | | | Qvalue |
| 4) Chloromethane | 2.793 | 50 | 17001 | 0.219 | ppbv # | 85 |
| 11) Trichlorofluoromethane | 3.536 | 101 | 19563m | 0.114 | ppbv | |
| 13) Ethanol | 3.227 | 45 | 890502 | 220.089 | ppbv | 99 |
| 15) Acetone | 3.455 | 43 | 504022 | 3.790 | ppbv | 96 |
| 20) Methylene Chloride | 3.915 | 84 | 482598 | 9.090 | ppbv | 96 |
| 26) Hexane | 5.195 | 57 | 676381 | 7.170 | ppbv # | 36 |
| 34) 2-Butanone | 4.780 | 43 | 62341 | 0.423 | ppbv | 93 |
| 36) Benzene | 6.356 | 78 | 33835m | 0.152 | ppbv | |
| 44) 2,2,4-Trimethylpentane | 7.320 | 57 | 30422m | 0.082 | ppbv | |
| 53) Toluene | 9.208 | 91 | 78644 | 0.333 | ppbv | 99 |
| 59) m/p-Xylene | 12.349 | 91 | 37948m | 0.138 | ppbv | |

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

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