Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041228.D
Acq On : 6 May 2024 21:37
Operator : SY/MD
Sample : P2353-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 07 05:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Tue May 07 05:19:44 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 5.198 | 49 | 862244 | 10.000 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 6.658 | 114 | 2301413 | 10.000 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 11.468 | 117 | 2130863 | 10.000 | ppbv | 0.00 |
| System Monitoring Compounds | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.783 | 95 | 1711236 | 10.637 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 106.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.745 | 85 | 19032 | 0.163 | ppbv # | 88 |
| 3) Chlorodifluoromethane | 2.690 | 51 | 33502 | 0.256 | ppbv | 94 |
| 9) Propene | 2.709 | 41 | 32117 | 0.627 | ppbv | 97 |
| 10) Heptane | 7.587 | 43 | 64621 | 0.520 | ppbv | 88 |
| 13) Ethanol | 3.259 | 45 | 23308m | 2.029 | ppbv | |
| 15) Acetone | 3.481 | 43 | 236582 | 2.325 | ppbv # | 74 |
| 17) tert-Butyl alcohol | 3.906 | 59 | 17225m | 0.157 | ppbv | |
| 19) Isopropyl Alcohol | 3.597 | 45 | 23748m | 0.356 | ppbv | |
| 20) Methylene Chloride | 3.944 | 84 | 78782 | 2.226 | ppbv | 91 |
| 26) Hexane | 5.217 | 57 | 239388 | 2.641 | ppbv # | 40 |
| 34) 2-Butanone | 4.803 | 43 | 205518 | 1.755 | ppbv | 100 |
| 36) Benzene | 6.375 | 78 | 14708m | 0.076 | ppbv | |
| 44) 2,2,4-Trimethylpentane | 7.327 | 57 | 48885m | 0.147 | ppbv | |
| 51) 2-Hexanone | 9.568 | 43 | 187937 | 1.205 | ppbv # | 93 |
| 52) Tetrachloroethene | 10.616 | 164 | 21530m | 0.317 | ppbv | |
| 53) Toluene | 9.224 | 91 | 401861 | 1.795 | ppbv | 100 |
| 58) Ethyl Benzene | 12.095 | 91 | 213048m | 0.729 | ppbv | |
| 59) m/p-Xylene | 12.349 | 91 | 624569 | 2.543 | ppbv | 97 |
| 60) o-Xylene | 13.056 | 91 | 298719 | 1.298 | ppbv | 100 |
| 62) Isopropylbenzene | 14.034 | 105 | 71890m | 0.209 | ppbv | |
| 63) 1,1,2,2-Tetrachloroethane | 13.027 | 83 | 10125m | 0.065 | ppbv | |
| 64) n-propylbenzene | 14.915 | 120 | 38668m | 0.450 | ppbv | |
| 65) tert-Butylbenzene | 16.111 | 119 | 49356m | 0.160 | ppbv | |
| 67) sec-Butylbenzene | 16.645 | 105 | 36667m | 0.084 | ppbv | |
| 72) 4-Ethyltoluene | 15.198 | 105 | 170954 | 0.656 | ppbv # | 90 |
| 73) 1,3,5-Trimethylbenzene | 15.359 | 105 | 148913m | 0.631 | ppbv | |
| 74) 1,2,4-Trimethylbenzene | 16.111 | 105 | 444726 | 1.726 | ppbv # | 69 |
| 79) Naphthalene | 21.400 | 128 | 22775m | 0.093 | ppbv | |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041228.D
Acq On : 6 May 2024 21:37
Operator : SY/MD
Sample : P2353-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 05:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue May 07 05:19:44 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024