Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042257.D
Acq On : 08 Apr 2025 11:26
Operator : SY/MD
Sample : Q1728-03 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 09 01:53:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
SSSG-B2-2-04022025

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 2.797 | 49 | 196181 | 10.000 | ppbv | | 0.01 |
| 33) 1,4-Difluorobenzene | 3.978 | 114 | 528802 | 10.000 | ppbv | | 0.03 |
| 55) Chlorobenzene-d5 | 8.969 | 117 | 373886 | 10.000 | ppbv | # | 0.09 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 10.487 | 95 | 7140559 | 232.561 | ppbv | | 0.12 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 2325.600%# | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.502 | 85 | 6112 | 0.211 | ppbv | # | 88 |
| 3) Chlorodifluoromethane | 1.479 | 51 | 2923m | 0.099 | ppbv | | |
| 4) Chloromethane | 1.538 | 50 | 3367 | 0.284 | ppbv | | 99 |
| 9) Propene | 1.489 | 41 | 103972 | 7.666 | ppbv | | 91 |
| 10) Heptane | 5.020 | 43 | 556218 | 15.418 | ppbv | | 98 |
| 13) Ethanol | 1.725 | 45 | 20476 | 15.970 | ppbv | | 87 |
| 15) Acetone | 1.839 | 43 | 1342486 | 48.930 | ppbv | | 97 |
| 17) tert-Butyl alcohol | 2.049 | 59 | 67718 | 1.982 | ppbv | | 98 |
| 19) Isopropyl Alcohol | 1.894 | 45 | 41121 | 2.656 | ppbv | # | 30 |
| 20) Methylene Chloride | 2.068 | 84 | 38082 | 3.727 | ppbv | | 88 |
| 26) Hexane | 2.839 | 57 | 57352 | 2.085 | ppbv | # | 1 |
| 27) Carbon Disulfide | 2.156 | 76 | 543422 | 18.424 | ppbv | # | 95 |
| 29) Chloroform | 2.858 | 83 | 3914m | 0.097 | ppbv | | |
| 30) Cyclohexane | 3.878 | 84 | 580451 | 24.303 | ppbv | | 97 |
| 34) 2-Butanone | 2.567 | 43 | 176337 | 4.599 | ppbv | | 98 |
| 36) Benzene | 3.674 | 78 | 83844 | 1.599 | ppbv | | 97 |
| 52) Tetrachloroethene | 8.412 | 164 | 5282m | 0.254 | ppbv | | |
| 53) Toluene | 7.027 | 91 | 1042954 | 16.783 | ppbv | | 100 |
| 58) Ethyl Benzene | 9.561 | 91 | 2036145 | 30.659 | ppbv | | 100 |
| 59) m/p-Xylene | 9.746 | 91 | 8450348m | 159.348 | ppbv | | |
| 60) o-Xylene | 10.131 | 91 | 9318527m | 175.287 | ppbv | | |
| 62) Isopropylbenzene | 10.658 | 105 | 5182735 | 65.193 | ppbv | # | 88 |
| 64) n-propylbenzene | 11.095 | 120 | 824157 | 40.273 | ppbv | | 89 |
| 69) p-Isopropyltoluene | 11.989 | 119 | 1850506m | 21.029 | ppbv | | |
| 72) 4-Ethyltoluene | 11.225 | 105 | 12114303 | 183.018 | ppbv | # | 46 |
| 73) 1,3,5-Trimethylbenzene | 11.332 | 105 | 5576526 | 96.463 | ppbv | # | 37 |
| 74) 1,2,4-Trimethylbenzene | 11.642 | 105 | 8221264 | 123.444 | ppbv | # | 63 |

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

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