Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082020\
Data File : VL035476.D
Acq On : 20 Aug 2020 15:49
Operator : SY/AP
Sample : L3743-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 21 09:41:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 1
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

**Instrument :** MSVOA_L
**ClientSampleId :** SSMP-2

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.67 | 49 | 1092112 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 5036232 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.11 | 117 | 4887882 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.44 | 95 | 3524418 | 10.30 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 103.00% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 60037 | 0.297 | ppbv | | 96 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 250643m | 1.830 | ppbv | | |
| 4) Chloromethane | 3.13 | 50 | 27589 | 0.387 | ppbv | | 96 |
| 9) Propene | 3.01 | 41 | 1837621 | 33.387 | ppbv | # | 77 |
| 10) Heptane | 8.14 | 43 | 110851 | 0.768 | ppbv | # | 80 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 129095 | 0.406 | ppbv | | 97 |
| 13) Ethanol | 3.61 | 45 | 1031036 | 51.129 | ppbv | | 99 |
| 15) Acetone | 3.84 | 43 | 3633417 | 28.905 | ppbv | # | 73 |
| 17) tert-Butyl alcohol | 4.31 | 59 | 103542 | 0.637 | ppbv | | 100 |
| 19) Isopropyl Alcohol | 3.98 | 45 | 331234m | 3.823 | ppbv | | |
| 20) Methylene Chloride | 4.34 | 84 | 699211 | 6.894 | ppbv | # | 64 |
| 26) Hexane | 5.69 | 57 | 438477 | 3.177 | ppbv | # | 32 |
| 27) Carbon Disulfide | 4.55 | 76 | 89520 | 0.449 | ppbv | # | 90 |
| 29) Chloroform | 5.76 | 83 | 741049 | 2.672 | ppbv | | 99 |
| 30) Cyclohexane | 7.14 | 84 | 73200 | 0.478 | ppbv | # | 60 |
| 32) 1,1,1-Trichloroethane | 6.52 | 97 | 64605 | 0.249 | ppbv | # | 90 |
| 34) 2-Butanone | 5.26 | 43 | 705506 | 4.193 | ppbv | # | 72 |
| 35) Carbon Tetrachloride | 7.02 | 117 | 43375 | 0.162 | ppbv | | 93 |
| 36) Benzene | 6.90 | 78 | 456776 | 1.236 | ppbv | # | 90 |
| 38) Trichloroethene | 7.84 | 130 | 14100214m | 68.577 | ppbv | | |
| 41) Tetrahydrofuran | 6.07 | 42 | 198993 | 2.144 | ppbv | # | 53 |
| 44) 2,2,4-Trimethylpentane | 7.89 | 57 | 312696 | 0.648 | ppbv | | 93 |
| 50) 4-Methyl-2-Pentanone | 8.76 | 43 | 273568 | 1.133 | ppbv | # | 83 |
| 52) Tetrachloroethene | 11.24 | 164 | 11040191m | 48.966 | ppbv | | |
| 53) Toluene | 9.82 | 91 | 2613653 | 5.490 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.73 | 91 | 607823 | 1.030 | ppbv | | 91 |
| 59) m/p-Xylene | 12.99 | 91 | 1940210 | 3.890 | ppbv | # | 84 |
| 60) o-Xylene | 13.71 | 91 | 762466 | 1.573 | ppbv | | 90 |
| 61) Styrene | 13.55 | 104 | 86386 | 0.221 | ppbv | # | 88 |
| 64) n-propylbenzene | 15.59 | 120 | 86354m | 0.353 | ppbv | | |
| 65) tert-Butylbenzene | 16.79 | 119 | 268615 | 0.348 | ppbv | # | 87 |
| 69) p-Isopropyltoluene | 17.68 | 119 | 120715 | 0.134 | ppbv | # | 86 |
| 70) n-Butylbenzene | 18.58 | 91 | 329497 | 0.387 | ppbv | # | 30 |
| 72) 4-Ethyltoluene | 15.86 | 105 | 539165 | 0.847 | ppbv | # | 93 |
| 73) 1,3,5-Trimethylbenzene | 16.02 | 105 | 550871 | 0.931 | ppbv | | 94 |
| 74) 1,2,4-Trimethylbenzene | 16.79 | 105 | 2188850 | 3.403 | ppbv | # | 71 |
| 76) 1,4-Dichlorobenzene | 17.16 | 146 | 17733 | 0.036 | ppbv | # | 55 |
| 79) Naphthalene | 22.23 | 128 | 1138464 | 1.257 | ppbv | | 96 |
| 80) Naphthalene,2-methyl- | 25.00 | 142 | 395525 | 1.057 | ppbv | | 96 |

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

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