Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
Data File : VL032640.D
Acq On : 17 Oct 2018 14:28
Operator : SY/AP
Sample : J5500-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 10:21:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 1
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

**Instrument :** MSVOA_L
**ClientSampleId :** SS04-MIVIDL

**Manual Integrations APPROVED**
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10/19/2018 4:36:36 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.79 | 49 | 1328978 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.32 | 114 | 2945315 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.26 | 117 | 2897397 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.60 | 95 | 2220573 | 10.18 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 101.80% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Propene | 3.05 | 41 | 421742 | 10.35 | ppbv | | 86 |
| 10) Heptane | 8.27 | 43 | 138707 | 0.91 | ppbv | | 99 |
| 13) Ethanol | 3.67 | 45 | 200400 | 15.89 | ppbv | | 98 |
| 15) Acetone | 3.93 | 43 | 914200 | 7.73 | ppbv | | 96 |
| 17) tert-Butyl alcohol | 4.39 | 59 | 33374m | 3.09 | ppbv | | |
| 18) 1,1-Dichloroethene | 4.37 | 96 | 181790 | 3.23 | ppbv | | 96 |
| 19) Isopropyl Alcohol | 4.05 | 45 | 103618 | 1.24 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.43 | 84 | 49439 | 0.93 | ppbv | | 92 |
| 26) Hexane | 5.80 | 57 | 216343 | 1.72 | ppbv | # | 42 |
| 27) Carbon Disulfide | 4.64 | 76 | 33135 | 0.22 | ppbv | # | 70 |
| 29) Chloroform | 5.87 | 83 | 23055547 | 104.36 | ppbv | # | 75 |
| 30) Cyclohexane | 7.27 | 84 | 43209m | 0.43 | ppbv | | |
| 31) cis-1,2-Dichloroethene | 5.67 | 61 | 18733m | 0.15 | ppbv | | |
| 34) 2-Butanone | 5.36 | 43 | 377680 | 2.31 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.16 | 117 | 11525815 | 50.49 | ppbv | | 96 |
| 36) Benzene | 7.04 | 78 | 827709 | 3.47 | ppbv | | 97 |
| 38) Trichloroethene | 7.98 | 130 | 212864 | 2.37 | ppbv | | 95 |
| 50) 4-Methyl-2-Pentanone | 8.91 | 43 | 60153m | 0.25 | ppbv | | |
| 52) Tetrachloroethene | 11.39 | 164 | 15299m | 0.19 | ppbv | | |
| 53) Toluene | 9.97 | 91 | 747950 | 2.75 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.88 | 91 | 76651 | 0.24 | ppbv | | 97 |
| 59) m/p-Xylene | 13.14 | 91 | 140533m | 0.48 | ppbv | | |
| 60) o-Xylene | 13.86 | 91 | 52109m | 0.18 | ppbv | | |

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

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