Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\
Data File : VL032884.D
Acq On : 4 Dec 2018 20:04
Operator : SY/AP
Sample : J6175-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** MMSV-04

**Manual Integrations APPROVED**
MMDadoda
12/10/2018 1:00:31 PM

Quant Time: Dec 05 15:20:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.77 | 49 | 1331727 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.30 | 114 | 3535589 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.25 | 117 | 3581443 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.58 | 95 | 2596872 | 9.69 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 96.90% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.08 | 85 | 160565 | 0.839 | ppbv | | 99 |
| 3) Chlorodifluoromethane | 3.02 | 51 | 147134 | 1.394 | ppbv | | 98 |
| 4) Chloromethane | 3.17 | 50 | 139260 | 2.379 | ppbv | | 97 |
| 7) Chloroethane | 3.61 | 64 | 267800 | 11.978 | ppbv | | 92 |
| 9) Propene | 3.04 | 41 | 4655784 | 110.192 | ppbv | | 93 |
| 10) Heptane | 8.25 | 43 | 206233 | 1.279 | ppbv | | 94 |
| 11) Trichlorofluoromethane | 4.01 | 101 | 126109 | 0.699 | ppbv | | 98 |
| 13) Ethanol | 3.66 | 45 | 663957 | 47.977 | ppbv | | 100 |
| 15) Acetone | 3.90 | 43 | 4103095m | 33.738 | ppbv | | |
| 20) Methylene Chloride | 4.42 | 84 | 221832 | 3.523 | ppbv | | 98 |
| 26) Hexane | 5.79 | 57 | 654626 | 5.188 | ppbv | # | 7 |
| 27) Carbon Disulfide | 4.62 | 76 | 2325206 | 14.533 | ppbv | | 99 |
| 29) Chloroform | 5.86 | 83 | 107548 | 0.478 | ppbv | | 92 |
| 30) Cyclohexane | 7.25 | 84 | 324117 | 2.937 | ppbv | # | 79 |
| 34) 2-Butanone | 5.33 | 43 | 10230389 | 55.789 | ppbv | | 94 |
| 35) Carbon Tetrachloride | 7.15 | 117 | 29021m | 0.102 | ppbv | | |
| 36) Benzene | 7.01 | 78 | 3270212 | 11.615 | ppbv | | 98 |
| 41) Tetrahydrofuran | 6.15 | 42 | 1131721 | 10.759 | ppbv | | 99 |
| 44) 2,2,4-Trimethylpentane | 7.99 | 57 | 419330 | 0.891 | ppbv | # | 61 |
| 51) 2-Hexanone | 10.27 | 43 | 1185148 | 6.423 | ppbv | # | 98 |
| 52) Tetrachloroethene | 11.37 | 164 | 9511m | 0.097 | ppbv | | |
| 53) Toluene | 9.96 | 91 | 1380576 | 4.700 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.87 | 91 | 359854 | 0.835 | ppbv | | 99 |
| 59) m/p-Xylene | 13.13 | 91 | 705215 | 1.838 | ppbv | | 95 |
| 60) o-Xylene | 13.85 | 91 | 469305 | 1.216 | ppbv | | 97 |
| 61) Styrene | 13.69 | 104 | 83831 | 0.334 | ppbv | | 98 |
| 62) Isopropylbenzene | 14.83 | 105 | 80678 | 0.155 | ppbv | | 97 |
| 69) p-Isopropyltoluene | 17.82 | 119 | 80834 | 0.151 | ppbv | | 96 |
| 72) 4-Ethyltoluene | 16.00 | 105 | 122275 | 0.289 | ppbv | | 97 |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105 | 219815 | 0.532 | ppbv | | 96 |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105 | 356371 | 0.805 | ppbv | # | 69 |

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

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