Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037335.D
Acq On : 5 Aug 2021 9:17
Operator : SY/AP
Sample : M3239-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 10:12:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 999011 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.17 | 114 | 3358742 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.07 | 117 | 2919543 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.40 | 95 | 2155740 | 10.81 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 108.10% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 61463 | 0.303 | ppbv | | 97 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 168723 | 0.831 | ppbv | | 93 |
| 4) Chloromethane | 3.13 | 50 | 21346m | 0.293 | ppbv | | |
| 9) Propene | 3.01 | 41 | 83410 | 1.136 | ppbv | | 89 |
| 10) Heptane | 8.11 | 43 | 436240 | 2.543 | ppbv | | 99 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 50027 | 0.268 | ppbv | | 96 |
| 13) Ethanol | 3.61 | 45 | 81043 | 7.326 | ppbv | | 90 |
| 15) Acetone | 3.84 | 43 | 2535343 | 23.363 | ppbv | | 100 |
| 17) tert-Butyl alcohol | 4.29 | 59 | 71387 | 0.655 | ppbv | # | 87 |
| 19) Isopropyl Alcohol | 3.97 | 45 | 59792 | 0.996 | ppbv | # | 93 |
| 20) Methylene Chloride | 4.34 | 84 | 50131 | 0.558 | ppbv | | 96 |
| 26) Hexane | 5.68 | 57 | 1383335 | 8.761 | ppbv | # | 46 |
| 27) Carbon Disulfide | 4.54 | 76 | 19817 | 0.154 | ppbv | # | 37 |
| 29) Chloroform | 5.74 | 83 | 320800 | 1.604 | ppbv | | 95 |
| 30) Cyclohexane | 7.12 | 84 | 25957m | 0.213 | ppbv | | |
| 32) 1,1,1-Trichloroethane | 6.50 | 97 | 88852 | 0.466 | ppbv | | 97 |
| 34) 2-Butanone | 5.24 | 43 | 582786 | 5.000 | ppbv | | 95 |
| 35) Carbon Tetrachloride | 7.01 | 117 | 6058m | 0.030 | ppbv | | |
| 36) Benzene | 6.88 | 78 | 74081 | 0.245 | ppbv | # | 93 |
| 44) 2,2,4-Trimethylpentane | 7.86 | 57 | 109319 | 0.219 | ppbv | # | 1 |
| 50) 4-Methyl-2-Pentanone | 8.74 | 43 | 34316 | 0.192 | ppbv | | 99 |
| 51) 2-Hexanone | 10.12 | 43 | 603537 | 7.438 | ppbv | # | 86 |
| 52) Tetrachloroethene | 11.21 | 164 | 70213m | 0.539 | ppbv | | |
| 53) Toluene | 9.80 | 91 | 2425322 | 6.797 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.70 | 91 | 255208 | 0.595 | ppbv | | 93 |
| 59) m/p-Xylene | 12.96 | 91 | 670899 | 1.857 | ppbv | | 93 |
| 60) o-Xylene | 13.68 | 91 | 387279 | 1.180 | ppbv | | 97 |
| 61) Styrene | 13.52 | 104 | 219970 | 1.222 | ppbv | | 96 |
| 62) Isopropylbenzene | 14.65 | 105 | 108339m | 0.227 | ppbv | | |
| 63) 1,1,2,2-Tetrachloroethane | 13.65 | 83 | 103040 | 0.432 | ppbv | # | 54 |
| 64) n-propylbenzene | 15.55 | 120 | 96717m | 0.776 | ppbv | | |
| 65) tert-Butylbenzene | 16.75 | 119 | 254344 | 0.579 | ppbv | # | 64 |
| 67) sec-Butylbenzene | 17.28 | 105 | 246102 | 0.415 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.64 | 119 | 222083 | 0.445 | ppbv | | 94 |
| 70) n-Butylbenzene | 18.55 | 91 | 475741 | 1.043 | ppbv | # | 61 |
| 72) 4-Ethyltoluene | 15.82 | 105 | 456427 | 1.152 | ppbv | # | 96 |
| 73) 1,3,5-Trimethylbenzene | 15.99 | 105 | 522032 | 1.465 | ppbv | | 93 |
| 74) 1,2,4-Trimethylbenzene | 16.75 | 105 | 2162194 | 5.687 | ppbv | # | 75 |
| 79) Naphthalene | 22.18 | 128 | 155224m | 0.445 | ppbv | | |
| 80) Naphthalene,2-methyl- | 24.96 | 142 | 12238m | 0.216 | ppbv | | |

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

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