Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
Data File : VL037588.D
Acq On : 9 Sep 2021 1:58
Operator : SY/AP
Sample : M3663-06 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV-3

**Manual Integrations APPROVED**
MMDadoda
9/10/2021 10:53:37 AM

Quant Time: Sep 09 09:16:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.681 | 49 | 1652969 | 10.000 | ppbv | | 0.03 |
| 33) 1,4-Difluorobenzene | 7.185 | 114 | 4866956 | 10.000 | ppbv | | 0.03 |
| 55) Chlorobenzene-d5 | 12.098 | 117 | 4313880 | 10.000 | ppbv | | 0.04 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.430 | 95 | 3052928 | 9.961 | ppbv | | 0.04 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.600% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.054 | 85 | 31293 | 0.118 | ppbv | | 91 |
| 4) Chloromethane | 3.144 | 50 | 25491m | 0.225 | ppbv | | |
| 9) Propene | 3.031 | 41 | 463092 | 4.089 | ppbv | # | 68 |
| 10) Heptane | 8.137 | 43 | 130482 | 0.501 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.964 | 101 | 31559 | 0.127 | ppbv | | 99 |
| 13) Ethanol | 3.613 | 45 | 2375250 | 215.534 | ppbv | | 99 |
| 15) Acetone | 3.854 | 43 | 6612078 | 39.305 | ppbv | | 97 |
| 17) tert-Butyl alcohol | 4.298 | 59 | 80567m | 0.524 | ppbv | | |
| 19) Isopropyl Alcohol | 3.970 | 45 | 6410341 | 66.514 | ppbv | | 99 |
| 20) Methylene Chloride | 4.356 | 84 | 68795 | 0.817 | ppbv | | 91 |
| 26) Hexane | 5.700 | 57 | 418689 | 2.005 | ppbv | # | 56 |
| 29) Chloroform | 5.764 | 83 | 345827 | 1.169 | ppbv | | 99 |
| 30) Cyclohexane | 7.137 | 84 | 23585m | 0.136 | ppbv | | |
| 31) cis-1,2-Dichloroethene | 5.562 | 61 | 290094 | 1.535 | ppbv | | 99 |
| 34) 2-Butanone | 5.253 | 43 | 569324 | 2.865 | ppbv | | 95 |
| 35) Carbon Tetrachloride | 7.031 | 117 | 18058m | 0.063 | ppbv | | |
| 36) Benzene | 6.902 | 78 | 136108 | 0.333 | ppbv | | 96 |
| 38) Trichloroethene | 7.848 | 130 | 260436 | 1.551 | ppbv | | 94 |
| 44) 2,2,4-Trimethylpentane | 7.886 | 57 | 129988m | 0.189 | ppbv | | |
| 52) Tetrachloroethene | 11.237 | 164 | 3408524 | 20.330 | ppbv | | 99 |
| 53) Toluene | 9.816 | 91 | 1747619 | 3.741 | ppbv | | 97 |
| 58) Ethyl Benzene | 12.722 | 91 | 591273 | 0.988 | ppbv | | 98 |
| 59) m/p-Xylene | 12.983 | 91 | 1902940m | 3.667 | ppbv | | |
| 60) o-Xylene | 13.706 | 91 | 622432 | 1.285 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.661 | 119 | 404747 | 0.571 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 15.851 | 105 | 355946 | 0.618 | ppbv | | 98 |
| 73) 1,3,5-Trimethylbenzene | 16.011 | 105 | 190582m | 0.355 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.770 | 105 | 778416 | 1.366 | ppbv | # | 66 |
| 79) Naphthalene | 22.211 | 128 | 127171m | 0.333 | ppbv | | |

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

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