Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039378.D
Acq On : 28 Jun 2022 4:22
Operator : SY/AP
Sample : N3508-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
AA-1-20220624

**Manual Integrations APPROVED**
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:40:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun (
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.661 | 49 | 991338 | 10.000 | ppbv | | -0.01 |
| 33) 1,4-Difluorobenzene | 7.166 | 114 | 2950838 | 10.000 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 12.076 | 117 | 2655228 | 10.000 | ppbv | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.401 | 95 | 2001995 | 9.120 | ppbv | | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 91.200% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.034 | 85 | 30343m | 0.174 | ppbv | | |
| 3) Chlorodifluoromethane | 2.977 | 51 | 54122m | 0.429 | ppbv | | |
| 4) Chloromethane | 3.134 | 50 | 77101 | 1.190 | ppbv | | 94 |
| 9) Propene | 2.999 | 41 | 13011m | 0.237 | ppbv | | |
| 10) Heptane | 8.108 | 43 | 16448m | 0.128 | ppbv | | |
| 11) Trichlorofluoromethane | 3.944 | 101 | 37797 | 0.240 | ppbv | # | 79 |
| 13) Ethanol | 3.610 | 45 | 172289m | 57.440 | ppbv | | |
| 15) Acetone | 3.845 | 43 | 1729647 | 16.749 | ppbv | | 99 |
| 17) tert-Butyl alcohol | 4.298 | 59 | 12285m | 0.153 | ppbv | | |
| 19) Isopropyl Alcohol | 3.967 | 45 | 123834 | 2.557 | ppbv | # | 62 |
| 20) Methylene Chloride | 4.340 | 84 | 206548 | 4.746 | ppbv | | 91 |
| 23) Vinyl Acetate | 5.060 | 43 | 152388 | 1.784 | ppbv | # | 88 |
| 26) Hexane | 5.677 | 57 | 129630m | 1.267 | ppbv | | |
| 29) Chloroform | 5.748 | 83 | 56328 | 0.327 | ppbv | | 90 |
| 34) 2-Butanone | 5.247 | 43 | 246845m | 1.540 | ppbv | | |
| 35) Carbon Tetrachloride | 7.018 | 117 | 13442m | 0.062 | ppbv | | |
| 36) Benzene | 6.886 | 78 | 36269 | 0.151 | ppbv | | 96 |
| 41) Tetrahydrofuran | 6.060 | 42 | 15463m | 0.160 | ppbv | | |
| 44) 2,2,4-Trimethylpentane | 7.867 | 57 | 49690m | 0.119 | ppbv | | |
| 50) 4-Methyl-2-Pentanone | 8.748 | 43 | 35373m | 0.147 | ppbv | | |
| 51) 2-Hexanone | 10.137 | 43 | 30398m | 0.163 | ppbv | | |
| 52) Tetrachloroethene | 11.204 | 164 | 3792m | 0.041 | ppbv | | |
| 53) Toluene | 9.799 | 91 | 130595 | 0.473 | ppbv | | 99 |
| 59) m/p-Xylene | 12.963 | 91 | 57585m | 0.179 | ppbv | | |

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

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