Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
Data File : VL038840.D
Acq On : 7 Apr 2022 14:18
Operator : SY/AP
Sample : N2245-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 05:24:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr (
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
BD-INDOORDUP

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt
04/09/2022
Supervised By :Mahesh Dadoda
04/11/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.684 | 49 | 1267687 | 10.000 | ppbv | | 0.02 |
| 33) 1,4-Difluorobenzene | 7.195 | 114 | 3331456 | 10.000 | ppbv | | 0.02 |
| 55) Chlorobenzene-d5 | 12.101 | 117 | 2890307 | 10.000 | ppbv | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.433 | 95 | 2245661 | 10.243 | ppbv | | 0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.400% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.063 | 85 | 53224 | 0.296 | ppbv | | 97 |
| 3) Chlorodifluoromethane | 3.005 | 51 | 96599 | 0.624 | ppbv | # | 87 |
| 4) Chloromethane | 3.156 | 50 | 39893 | 0.498 | ppbv | | 94 |
| 9) Propene | 3.034 | 41 | 51171 | 0.625 | ppbv | # | 80 |
| 11) Trichlorofluoromethane | 3.967 | 101 | 39018 | 0.270 | ppbv | # | 83 |
| 13) Ethanol | 3.616 | 45 | 266811m | 53.637 | ppbv | | |
| 15) Acetone | 3.864 | 43 | 582144 | 4.613 | ppbv | | 97 |
| 19) Isopropyl Alcohol | 3.992 | 45 | 75673m | 1.173 | ppbv | | |
| 20) Methylene Chloride | 4.359 | 84 | 3158831 | 69.012 | ppbv | | 95 |
| 26) Hexane | 5.706 | 57 | 3341842 | 22.926 | ppbv | # | 39 |
| 30) Cyclohexane | 7.147 | 84 | 20451m | 0.159 | ppbv | | |
| 34) 2-Butanone | 5.263 | 43 | 36582m | 0.278 | ppbv | | |
| 35) Carbon Tetrachloride | 7.037 | 117 | 14601m | 0.073 | ppbv | | |
| 36) Benzene | 6.912 | 78 | 48421m | 0.160 | ppbv | | |
| 44) 2,2,4-Trimethylpentane | 7.889 | 57 | 67800 | 0.132 | ppbv | # | 82 |
| 52) Tetrachloroethene | 11.243 | 164 | 6078m | 0.057 | ppbv | | |
| 53) Toluene | 9.825 | 91 | 126435 | 0.361 | ppbv | | 97 |
| 59) m/p-Xylene | 12.986 | 91 | 67072m | 0.185 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.777 | 105 | 73487 | 0.191 | ppbv | # | 70 |

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

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