Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
Data File : VL038705.D
Acq On : 23 Mar 2022 5:00
Operator : SY/AP
Sample : N2048-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 23 07:08:51 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P93

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.649 | 49 | 775335 | 10.000 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.156 | 114 | 2113496 | 10.000 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.063 | 117 | 1977333 | 10.000 | ppbv | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.391 | 95 | 1489934 | 9.828 | ppbv | | -0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 98.300% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.041 | 85 | 20610 | 0.198 | ppbv | | 98 |
| 3) Chlorodifluoromethane | 2.983 | 51 | 43477 | 0.531 | ppbv | | 96 |
| 4) Chloromethane | 3.137 | 50 | 8326m | 0.185 | ppbv | | |
| 9) Propene | 3.009 | 41 | 44609 | 1.128 | ppbv | | 94 |
| 11) Trichlorofluoromethane | 3.938 | 101 | 19207 | 0.209 | ppbv | | 95 |
| 13) Ethanol | 3.594 | 45 | 152435 | 34.954 | ppbv | | 95 |
| 15) Acetone | 3.835 | 43 | 898186 | 13.426 | ppbv | | 93 |
| 17) tert-Butyl alcohol | 4.285 | 59 | 34848 | 0.596 | ppbv | # | 94 |
| 19) Isopropyl Alcohol | 3.954 | 45 | 65446m | 1.764 | ppbv | | |
| 20) Methylene Chloride | 4.333 | 84 | 106592 | 3.783 | ppbv | | 95 |
| 26) Hexane | 5.671 | 57 | 113561 | 1.506 | ppbv | # | 42 |
| 27) Carbon Disulfide | 4.539 | 76 | 16013 | 0.216 | ppbv | # | 54 |
| 29) Chloroform | 5.735 | 83 | 23519 | 0.195 | ppbv | | 99 |
| 30) Cyclohexane | 7.105 | 84 | 7879m | 0.120 | ppbv | | |
| 32) 1,1,1-Trichloroethane | 6.491 | 97 | 9973m | 0.086 | ppbv | | |
| 34) 2-Butanone | 5.224 | 43 | 748988 | 8.954 | ppbv | | 98 |
| 35) Carbon Tetrachloride | 6.999 | 117 | 4588m | 0.037 | ppbv | | |
| 36) Benzene | 6.870 | 78 | 22996 | 0.141 | ppbv | # | 93 |
| 38) Trichloroethene | 7.812 | 130 | 18015m | 0.264 | ppbv | | |
| 41) Tetrahydrofuran | 6.041 | 42 | 17370m | 0.279 | ppbv | | |
| 51) 2-Hexanone | 10.118 | 43 | 95495 | 0.855 | ppbv | # | 99 |
| 52) Tetrachloroethene | 11.227 | 164 | 8713994 | 145.983 | ppbv | | 95 |
| 53) Toluene | 9.783 | 91 | 134290 | 0.766 | ppbv | | 98 |
| 58) Ethyl Benzene | 12.687 | 91 | 28588m | 0.124 | ppbv | | |
| 59) m/p-Xylene | 12.947 | 91 | 54504m | 0.270 | ppbv | | |
| 60) o-Xylene | 13.667 | 91 | 22860m | 0.119 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.735 | 105 | 26657m | 0.119 | ppbv | | |
| 75) 1,3-Dichlorobenzene | 16.973 | 146 | 37800m | 0.264 | ppbv | | |

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

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