Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037900.D
Acq On : 25 Oct 2021 19:17
Operator : SY/AP
Sample : M4339-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 27 12:08:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVE-INFLUENT

**Manual Integrations APPROVED**
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 1381437 | 10.00 | ppbv | 0.01 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 3940542 | 10.00 | ppbv | 0.01 |
| 55) Chlorobenzene-d5 | 12.10 | 117 | 3298379 | 10.00 | ppbv | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.43 | 95 | 2390111 | 10.36 | ppbv | 0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 103.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.06 | 85 | 46651 | 0.211 | ppbv | 97 |
| 3) Chlorodifluoromethane | 3.00 | 51 | 77913m | 0.294 | ppbv | |
| 4) Chloromethane | 3.15 | 50 | 21197m | 0.218 | ppbv | |
| 9) Propene | 3.03 | 41 | 41432m | 0.424 | ppbv | |
| 10) Heptane | 8.14 | 43 | 50568m | 0.228 | ppbv | |
| 11) Trichlorofluoromethane | 3.96 | 101 | 67330 | 0.342 | ppbv | 93 |
| 13) Ethanol | 3.62 | 45 | 161435 | 20.212 | ppbv | 83 |
| 15) Acetone | 3.87 | 43 | 436213m | 3.518 | ppbv | |
| 19) Isopropyl Alcohol | 3.98 | 45 | 148576m | 1.926 | ppbv | |
| 20) Methylene Chloride | 4.36 | 84 | 522968 | 8.346 | ppbv | 98 |
| 26) Hexane | 5.71 | 57 | 314490m | 1.835 | ppbv | |
| 29) Chloroform | 5.77 | 83 | 53741 | 0.219 | ppbv | 98 |
| 31) cis-1,2-Dichloroethene | 5.56 | 61 | 288494 | 1.855 | ppbv | 96 |
| 32) 1,1,1-Trichloroethane | 6.52 | 97 | 100009m | 0.431 | ppbv | |
| 34) 2-Butanone | 5.27 | 43 | 83979 | 0.528 | ppbv # | 89 |
| 35) Carbon Tetrachloride | 7.04 | 117 | 14400m | 0.064 | ppbv | |
| 36) Benzene | 6.90 | 78 | 67345m | 0.200 | ppbv | |
| 38) Trichloroethene | 7.84 | 130 | 206550m | 1.553 | ppbv | |
| 44) 2,2,4-Trimethylpentane | 7.89 | 57 | 87289m | 0.154 | ppbv | |
| 52) Tetrachloroethene | 11.24 | 164 | 1622363 | 12.389 | ppbv | 93 |
| 53) Toluene | 9.82 | 91 | 670388 | 1.797 | ppbv | 98 |
| 58) Ethyl Benzene | 12.73 | 91 | 65526m | 0.148 | ppbv | |
| 59) m/p-Xylene | 12.99 | 91 | 135713m | 0.357 | ppbv | |
| 60) o-Xylene | 13.71 | 91 | 43515m | 0.119 | ppbv | |

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

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