Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040979.D
Acq On : 15 Jan 2024 20:47
Operator : SY/MD
Sample : P1138-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 16 12:44:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

**Manual Integrations APPROVED**
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) Bromochloromethane | 5.195 | 49 | 1276256 | 10.000 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 6.648 | 114 | 3293659 | 10.000 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 11.449 | 117 | 2980603 | 10.000 | ppbv | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.757 | 95 | 2286682 | 10.415 | ppbv | | 0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 104.200% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.748 | 85 | 29962 | 0.123 | ppbv | | 91 |
| 9) Propene | 2.716 | 41 | 176418 | 2.784 | ppbv | | 88 |
| 10) Heptane | 7.568 | 43 | 173106 | 1.099 | ppbv | | 98 |
| 11) Trichlorofluoromethane | 3.581 | 101 | 17763 | 0.093 | ppbv | | 88 |
| 12) 1,1,2-Trichlorotrifluo... | 4.086 | 101 | 15327m | 0.104 | ppbv | | |
| 13) Ethanol | 3.262 | 45 | 28447m | 1.779 | ppbv | | |
| 15) Acetone | 3.484 | 43 | 1616756 | 10.562 | ppbv | | 93 |
| 20) Methylene Chloride | 3.947 | 84 | 193918 | 3.554 | ppbv | | 98 |
| 26) Hexane | 5.217 | 57 | 377659 | 3.213 | ppbv | # | 38 |
| 27) Carbon Disulfide | 4.131 | 76 | 15579m | 0.098 | ppbv | | |
| 29) Chloroform | 5.278 | 83 | 75930 | 0.383 | ppbv | | 95 |
| 30) Cyclohexane | 6.600 | 84 | 30676m | 0.313 | ppbv | | |
| 32) 1,1,1-Trichloroethane | 6.002 | 97 | 375044 | 1.956 | ppbv | | 100 |
| 34) 2-Butanone | 4.787 | 43 | 3120593 | 17.911 | ppbv | | 98 |
| 36) Benzene | 6.365 | 78 | 56344 | 0.219 | ppbv | # | 89 |
| 38) Trichloroethene | 7.282 | 130 | 588202 | 6.082 | ppbv | | 96 |
| 51) 2-Hexanone | 9.545 | 43 | 264444 | 1.392 | ppbv | # | 99 |
| 52) Tetrachloroethene | 10.593 | 164 | 18504m | 0.213 | ppbv | | |
| 53) Toluene | 9.211 | 91 | 276564 | 0.969 | ppbv | | 97 |
| 58) Ethyl Benzene | 12.069 | 91 | 184696 | 0.482 | ppbv | | 94 |
| 59) m/p-Xylene | 12.326 | 91 | 643598 | 1.976 | ppbv | # | 100 |
| 60) o-Xylene | 13.037 | 91 | 271101 | 0.884 | ppbv | | 100 |
| 62) Isopropylbenzene | 14.014 | 105 | 73111m | 0.161 | ppbv | | |
| 72) 4-Ethyltoluene | 15.172 | 105 | 155790 | 0.463 | ppbv | # | 97 |
| 73) 1,3,5-Trimethylbenzene | 15.333 | 105 | 185929m | 0.640 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.088 | 105 | 447881 | 1.385 | ppbv | # | 67 |

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

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