Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039945.D
Acq On : 1 Dec 2022 17:04
Operator : SY/MD
Sample : N5825-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
OTC-IA

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:33:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.163 | 49 | 1108661 | 10.000 | ppbv | | -0.01 |
| 33) 1,4-Difluorobenzene | 6.626 | 114 | 3010751 | 10.000 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 11.439 | 117 | 2759756 | 10.000 | ppbv | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.751 | 95 | 2164058 | 10.266 | ppbv | | -0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.700% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.703 | 85 | 76236 | 0.480 | ppbv | | 98 |
| 3) Chlorodifluoromethane | 2.649 | 51 | 2329382 | 15.226 | ppbv | | 98 |
| 4) Chloromethane | 2.787 | 50 | 39877 | 0.408 | ppbv | | 97 |
| 9) Propene | 2.677 | 41 | 83973 | 1.165 | ppbv | # | 83 |
| 10) Heptane | 7.549 | 43 | 26267m | 0.151 | ppbv | | |
| 11) Trichlorofluoromethane | 3.536 | 101 | 40532 | 0.209 | ppbv | | 93 |
| 13) Ethanol | 3.214 | 45 | 7226123 | 1313.378 | ppbv | | 98 |
| 15) Acetone | 3.440 | 43 | 1624716 | 11.049 | ppbv | | 96 |
| 19) Isopropyl Alcohol | 3.558 | 45 | 934807 | 11.741 | ppbv | # | 32 |
| 20) Methylene Chloride | 3.906 | 84 | 184183 | 2.585 | ppbv | | 93 |
| 25) Ethyl Acetate | 5.179 | 43 | 1019208 | 3.775 | ppbv | | 98 |
| 26) Hexane | 5.182 | 57 | 407721 | 3.457 | ppbv | | 92 |
| 29) Chloroform | 5.243 | 83 | 71842 | 0.458 | ppbv | | 86 |
| 34) 2-Butanone | 4.761 | 43 | 98729 | 0.685 | ppbv | | 94 |
| 35) Carbon Tetrachloride | 6.472 | 117 | 15072m | 0.088 | ppbv | | |
| 36) Benzene | 6.343 | 78 | 84771 | 0.331 | ppbv | # | 92 |
| 41) Tetrahydrofuran | 5.539 | 42 | 34516m | 0.347 | ppbv | | |
| 44) 2,2,4-Trimethylpentane | 7.295 | 57 | 60084m | 0.141 | ppbv | | |
| 52) Tetrachloroethene | 10.587 | 164 | 39811m | 0.416 | ppbv | | |
| 53) Toluene | 9.195 | 91 | 445688 | 1.529 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.069 | 91 | 43331m | 0.116 | ppbv | | |
| 59) m/p-Xylene | 12.317 | 91 | 114421m | 0.365 | ppbv | | |
| 60) o-Xylene | 13.034 | 91 | 44809 | 0.150 | ppbv | | 92 |
| 61) Styrene | 12.864 | 104 | 26428m | 0.148 | ppbv | | |
| 69) p-Isopropyltoluene | 16.973 | 119 | 64040 | 0.150 | ppbv | # | 92 |
| 74) 1,2,4-Trimethylbenzene | 16.085 | 105 | 91094 | 0.280 | ppbv | # | 74 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039945.D
Acq On : 1 Dec 2022 17:04
Operator : SY/MD
Sample : N5825-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 02 05:33:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
OTC-IA

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022