Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039778.D
Acq On : 25 Oct 2022 4:49
Operator : SY/AP
Sample : N5227-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 25 15:02:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
E

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 5.201 | 49 | 962073 | 10.000 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 6.658 | 114 | 2450472 | 10.000 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 11.462 | 117 | 2123863 | 10.000 | ppbv | 0.00 |
| System Monitoring Compounds | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.770 | 95 | 1524149 | 10.088 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 100.900% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.751 | 85 | 88529 | 0.879 | ppbv | 99 |
| 3) Chlorodifluoromethane | 2.697 | 51 | 729519 | 6.312 | ppbv | 96 |
| 11) Trichlorofluoromethane | 3.581 | 101 | 134221 | 0.954 | ppbv | 91 |
| 12) 1,1,2-Trichlorotrifluo... | 4.083 | 101 | 27698 | 0.254 | ppbv | 94 |
| 15) Acetone | 3.488 | 43 | 471177 | 4.100 | ppbv | 96 |
| 18) 1,1-Dichloroethene | 3.899 | 96 | 533625 | 11.110 | ppbv | 95 |
| 20) Methylene Chloride | 3.951 | 84 | 183521 | 4.198 | ppbv | 96 |
| 26) Hexane | 5.218 | 57 | 135025 | 1.445 | ppbv # | 38 |
| 29) Chloroform | 5.282 | 83 | 33665 | 0.229 | ppbv | 99 |
| 32) 1,1,1-Trichloroethane | 6.009 | 97 | 464018 | 3.481 | ppbv | 97 |
| 36) Benzene | 6.375 | 78 | 68383 | 0.362 | ppbv | 96 |
| 38) Trichloroethene | 7.295 | 130 | 2724527 | 25.574 | ppbv | 96 |
| 52) Tetrachloroethene | 10.613 | 164 | 151177 | 2.139 | ppbv | 97 |
| 53) Toluene | 9.221 | 91 | 74865 | 0.379 | ppbv | 91 |
| 59) m/p-Xylene | 12.336 | 91 | 52071m | 0.238 | ppbv | |
| 60) o-Xylene | 13.053 | 91 | 23915m | 0.117 | ppbv | |

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

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