Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
Data File : VL039591.D
Acq On : 25 Aug 2022 23:43
Operator : SY/AP
Sample : N4351-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1DL

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

Quant Time: Aug 26 06:27:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 5.205 | 49 | 1083401 | 10.000 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 6.661 | 114 | 2824642 | 10.000 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 11.471 | 117 | 2485114 | 10.000 | ppbv | 0.00 |
| System Monitoring Compounds | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.777 | 95 | 1835396 | 9.790 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.900% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.748 | 85 | 37768 | 0.262 | ppbv # | 88 |
| 3) Chlorodifluoromethane | 2.694 | 51 | 218615 | 1.694 | ppbv | 94 |
| 9) Propene | 2.726 | 41 | 22117 | 0.374 | ppbv | 97 |
| 13) Ethanol | 3.276 | 45 | 4880m | 1.150 | ppbv | |
| 15) Acetone | 3.504 | 43 | 90389m | 0.745 | ppbv | |
| 20) Methylene Chloride | 3.948 | 84 | 29629 | 0.601 | ppbv # | 83 |
| 26) Hexane | 5.227 | 57 | 62823m | 0.593 | ppbv | |
| 34) 2-Butanone | 4.819 | 43 | 31718m | 0.226 | ppbv | |
| 52) Tetrachloroethene | 10.613 | 164 | 5262m | 0.065 | ppbv | |
| 53) Toluene | 9.227 | 91 | 27640m | 0.115 | ppbv | |

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

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