

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL061522\  
 Data File : VL039306.D  
 Acq On : 15 Jun 2022 21:57  
 Operator : SY/AP  
 Sample : N3326-02 2X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 S V2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022  
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:37:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 0

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.655  | 49    | 1463228  | 10.000   | ppbv   | -0.02    |
| 33) 1,4-Difluorobenzene     | 7.160  | 114   | 3992412  | 10.000   | ppbv   | -0.02    |
| 55) Chlorobenzene-d5        | 12.066 | 117   | 3543189  | 10.000   | ppbv   | -0.03    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.397 | 95    | 2634136  | 8.992    | ppbv   | -0.02    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 89.900%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 3.041  | 85    | 64874    | 0.252    | ppbv   | 99       |
| 3) Chlorodifluoromethane    | 2.983  | 51    | 51887    | 0.279    | ppbv   | 94       |
| 4) Chloromethane            | 3.131  | 50    | 31825m   | 0.333    | ppbv   |          |
| 7) Chloroethane             | 3.552  | 64    | 5092     | 0.163    | ppbv   | 93       |
| 9) Propene                  | 3.018  | 41    | 853044m  | 10.508   | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.948  | 101   | 71134m   | 0.306    | ppbv   |          |
| 13) Ethanol                 | 3.597  | 45    | 44744m   | 10.107   | ppbv   |          |
| 15) Acetone                 | 3.838  | 43    | 2703704  | 17.738   | ppbv   | 97       |
| 17) tert-Butyl alcohol      | 4.288  | 59    | 110909   | 0.938    | ppbv # | 91       |
| 19) Isopropyl Alcohol       | 3.967  | 45    | 43069m   | 0.602    | ppbv   |          |
| 20) Methylene Chloride      | 4.337  | 84    | 23289    | 0.363    | ppbv # | 88       |
| 26) Hexane                  | 5.674  | 57    | 291382   | 1.930    | ppbv # | 31       |
| 27) Carbon Disulfide        | 4.542  | 76    | 42804    | 0.274    | ppbv # | 80       |
| 29) Chloroform              | 5.739  | 83    | 58625    | 0.231    | ppbv   | 88       |
| 30) Cyclohexane             | 7.115  | 84    | 63744m   | 0.503    | ppbv   |          |
| 32) 1,1,1-Trichloroethane   | 6.497  | 97    | 58649m   | 0.236    | ppbv   |          |
| 34) 2-Butanone              | 5.243  | 43    | 115662m  | 0.533    | ppbv   |          |
| 36) Benzene                 | 6.877  | 78    | 37376    | 0.115    | ppbv   | 93       |
| 52) Tetrachloroethene       | 11.208 | 164   | 40862m   | 0.323    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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