

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL032122\  
 Data File : VL038666.D  
 Acq On : 22 Mar 2022 1:19  
 Operator : SY/AP  
 Sample : N1964-10DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 COP80DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022  
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 03:53:29 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 22 03:53:29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.658  | 49    | 956671   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.166  | 114   | 2469688  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 12.073 | 117   | 2176582  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.401 | 95    | 1595518  | 9.561    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 95.600%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 9) Propene                  | 3.022  | 41    | 14944m   | 0.306    | ppbv   |          |
| 13) Ethanol                 | 3.607  | 45    | 40591m   | 7.543    | ppbv   |          |
| 15) Acetone                 | 3.854  | 43    | 88218    | 1.069    | ppbv   | 99       |
| 19) Isopropyl Alcohol       | 3.980  | 45    | 13437m   | 0.294    | ppbv   |          |
| 20) Methylene Chloride      | 4.340  | 84    | 32905    | 0.946    | ppbv   | 97       |
| 26) Hexane                  | 5.677  | 57    | 16450    | 0.177    | ppbv # | 51       |
| 34) 2-Butanone              | 5.247  | 43    | 74907    | 0.766    | ppbv   | 93       |
| 38) Trichloroethene         | 7.832  | 130   | 3580m    | 0.045    | ppbv   |          |
| 52) Tetrachloroethene       | 11.208 | 164   | 49245    | 0.706    | ppbv   | 97       |
| 53) Toluene                 | 9.799  | 91    | 63022    | 0.308    | ppbv   | 100      |
| -----                       |        |       |          |          |        |          |

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

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