

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL121322\  
 Data File : VL040008.D  
 Acq On : 13 Dec 2022 16:20  
 Operator : SY/MD  
 Sample : N6020-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022  
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 02:37:28 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 2022

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.176  | 49    | 1042577  | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 2865548  | 10.000   | ppbv   | 0.02     |
| 55) Chlorobenzene-d5        | 11.449 | 117   | 2403919  | 10.000   | ppbv   | 0.02     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.757 | 95    | 1779213  | 9.690    | ppbv   | 0.02     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 96.900%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.713  | 85    | 50486    | 0.338    | ppbv   | 96       |
| 3) Chlorodifluoromethane    | 2.655  | 51    | 47161    | 0.328    | ppbv   | 96       |
| 4) Chloromethane            | 2.796  | 50    | 30286    | 0.329    | ppbv   | 95       |
| 11) Trichlorofluoromethane  | 3.542  | 101   | 39985    | 0.220    | ppbv   | 88       |
| 13) Ethanol                 | 3.224  | 45    | 478990   | 92.577   | ppbv   | 98       |
| 15) Acetone                 | 3.449  | 43    | 3788416  | 27.396   | ppbv   | 99       |
| 20) Methylene Chloride      | 3.915  | 84    | 10638281 | 158.787  | ppbv # | 72       |
| 26) Hexane                  | 5.195  | 57    | 8320268  | 75.016   | ppbv # | 36       |
| 29) Chloroform              | 5.256  | 83    | 43918    | 0.298    | ppbv   | 93       |
| 30) Cyclohexane             | 6.584  | 84    | 44729    | 0.411    | ppbv   | 87       |
| 36) Benzene                 | 6.349  | 78    | 35460    | 0.146    | ppbv # | 92       |
| 44) 2,2,4-Trimethylpentane  | 7.311  | 57    | 141951   | 0.349    | ppbv   | 93       |
| 52) Tetrachloroethene       | 10.600 | 164   | 8883m    | 0.097    | ppbv   |          |
| 53) Toluene                 | 9.208  | 91    | 89833m   | 0.324    | ppbv   |          |
| 59) m/p-Xylene              | 12.327 | 91    | 36137m   | 0.132    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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