

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL120122\  
 Data File : VL039943.D  
 Acq On : 1 Dec 2022 15:46  
 Operator : SY/MD  
 Sample : N5824-01DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 TPC-1ADUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022  
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:32:54 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 12 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.166  | 49    | 1097239  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.629  | 114   | 3030604  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.446 | 117   | 2686629  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.757 | 95    | 2037528  | 9.929    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.300%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.703  | 85    | 79219    | 0.504    | ppbv   | 97       |
| 4) Chloromethane            | 2.790  | 50    | 33235    | 0.343    | ppbv   | 98       |
| 9) Propene                  | 2.677  | 41    | 96774m   | 1.357    | ppbv   |          |
| 10) Heptane                 | 7.555  | 43    | 41707m   | 0.242    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.536  | 101   | 95597    | 0.499    | ppbv   | 92       |
| 13) Ethanol                 | 3.227  | 45    | 12296485 | 2258.202 | ppbv   | 92       |
| 15) Acetone                 | 3.439  | 43    | 3407751  | 23.415   | ppbv   | 99       |
| 17) tert-Butyl alcohol      | 3.877  | 59    | 60903m   | 0.364    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.565  | 45    | 9010818  | 114.353  | ppbv # | 31       |
| 20) Methylene Chloride      | 3.909  | 84    | 732427   | 10.388   | ppbv   | 96       |
| 26) Hexane                  | 5.185  | 57    | 1008871  | 8.643    | ppbv # | 57       |
| 30) Cyclohexane             | 6.574  | 84    | 24789    | 0.216    | ppbv # | 83       |
| 34) 2-Butanone              | 4.764  | 43    | 48378    | 0.334    | ppbv   | 92       |
| 35) Carbon Tetrachloride    | 6.462  | 117   | 12923m   | 0.075    | ppbv   |          |
| 36) Benzene                 | 6.349  | 78    | 95196m   | 0.370    | ppbv   |          |
| 52) Tetrachloroethene       | 10.590 | 164   | 16426m   | 0.170    | ppbv   |          |
| 53) Toluene                 | 9.195  | 91    | 807368   | 2.751    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.327 | 91    | 57299m   | 0.188    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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