

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031424\  
 Data File : VL041115.D  
 Acq On : 15 Mar 2024 7:57  
 Operator : SY/MD  
 Sample : P1748-01DUPDL 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SVP-04DUPDL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024  
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 16 02:12:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL031124AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 5.201  | 49    | 1254176  | 10.000   | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.661  | 114   | 3155704  | 10.000   | ppbv  | 0.00     |
| 55) Chlorobenzene-d5        | 11.481 | 117   | 2849934  | 10.000   | ppbv  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.793 | 95    | 2236066  | 10.035   | ppbv  | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =     | 100.400% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.735  | 85    | 23113m   | 0.097    | ppbv  |          |
| 4) Chloromethane            | 2.819  | 50    | 9910m    | 0.142    | ppbv  |          |
| 9) Propene                  | 2.703  | 41    | 17844    | 0.291    | ppbv  | 96       |
| 13) Ethanol                 | 3.259  | 45    | 44082    | 2.697    | ppbv  | 73       |
| 15) Acetone                 | 3.484  | 43    | 109583   | 0.767    | ppbv  | 96       |
| 20) Methylene Chloride      | 3.944  | 84    | 63997    | 1.149    | ppbv  | 96       |
| 26) Hexane                  | 5.224  | 57    | 26350m   | 0.229    | ppbv  |          |
| 34) 2-Butanone              | 4.809  | 43    | 41198m   | 0.264    | ppbv  |          |
| 44) 2,2,4-Trimethylpentane  | 7.333  | 57    | 40297m   | 0.103    | ppbv  |          |
| 53) Toluene                 | 9.233  | 91    | 2646294  | 10.452   | ppbv  | 99       |
| -----                       |        |       |          |          |       |          |

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

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