

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL080824\  
 Data File : VL041515.D  
 Acq On : 8 Aug 2024 16:29  
 Operator : SY/MD  
 Sample : P3496-02 2X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-5

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024  
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:56:26 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 9 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.185  | 49    | 1062298  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.645  | 114   | 2829410  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.458 | 117   | 2662794  | 10.000   | ppbv   | # 0.00   |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.767 | 95    | 2072887  | 10.116   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.200% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.725  | 85    | 28856    | 0.158    | ppbv   | 98       |
| 3) Chlorodifluoromethane    | 2.671  | 51    | 27903m   | 0.221    | ppbv   |          |
| 4) Chloromethane            | 2.806  | 50    | 23391    | 0.348    | ppbv   | 93       |
| 9) Propene                  | 2.693  | 41    | 723202   | 12.449   | ppbv   | 89       |
| 10) Heptane                 | 7.571  | 43    | 23840m   | 0.183    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.561  | 101   | 19828    | 0.122    | ppbv   | 87       |
| 13) Ethanol                 | 3.234  | 45    | 406443   | 78.278   | ppbv   | 90       |
| 15) Acetone                 | 3.462  | 43    | 944335m  | 7.824    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.574  | 45    | 136090   | 1.929    | ppbv # | 1        |
| 20) Methylene Chloride      | 3.928  | 84    | 93569    | 2.079    | ppbv   | 95       |
| 26) Hexane                  | 5.208  | 57    | 100360   | 1.009    | ppbv # | 39       |
| 27) Carbon Disulfide        | 4.121  | 76    | 63107    | 0.542    | ppbv # | 91       |
| 30) Cyclohexane             | 6.590  | 84    | 10625m   | 0.131    | ppbv   |          |
| 34) 2-Butanone              | 4.780  | 43    | 292812   | 2.139    | ppbv   | 97       |
| 35) Carbon Tetrachloride    | 6.491  | 117   | 15290m   | 0.098    | ppbv   |          |
| 36) Benzene                 | 6.359  | 78    | 43329m   | 0.210    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 7.320  | 57    | 52041m   | 0.151    | ppbv   |          |
| 53) Toluene                 | 9.217  | 91    | 124910   | 0.542    | ppbv   | 95       |
| 58) Ethyl Benzene           | 12.072 | 91    | 31864m   | 0.104    | ppbv   |          |
| 59) m/p-Xylene              | 12.336 | 91    | 90761m   | 0.343    | ppbv   |          |
| 60) o-Xylene                | 13.050 | 91    | 37100m   | 0.148    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.095 | 105   | 29727m   | 0.101    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

## Manual Integrations

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