

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL121924\  
 Data File : VL041822.D  
 Acq On : 19 Dec 2024 16:03  
 Operator : SY/MD  
 Sample : P5296-02 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 C0AC3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024  
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 01:44:58 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.787  | 49    | 79681    | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.955  | 114   | 183918   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.878  | 117   | 168308   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95    | 136616   | 9.741    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.400%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 1.492  | 85    | 1651     | 0.116    | ppbv # | 87       |
| 9) Propene                  | 1.483  | 41    | 1999     | 0.355    | ppbv   | 84       |
| 13) Ethanol                 | 1.719  | 45    | 28937    | 62.048   | ppbv   | 93       |
| 15) Acetone                 | 1.835  | 43    | 10034    | 0.647    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.887  | 45    | 4538m    | 0.488    | ppbv   |          |
| 20) Methylene Chloride      | 2.062  | 84    | 8069     | 1.825    | ppbv   | 91       |
| 26) Hexane                  | 2.826  | 57    | 2191     | 0.200    | ppbv # | 42       |
| 29) Chloroform              | 2.849  | 83    | 3066     | 0.184    | ppbv   | 97       |
| 34) 2-Butanone              | 2.560  | 43    | 1670     | 0.113    | ppbv # | 89       |
| 52) Tetrachloroethene       | 8.215  | 164   | 637m     | 0.090    | ppbv   |          |
| 53) Toluene                 | 6.933  | 91    | 9187m    | 0.426    | ppbv   |          |
| 59) m/p-Xylene              | 9.522  | 91    | 6151m    | 0.252    | ppbv   |          |
| 60) o-Xylene                | 9.963  | 91    | 2680m    | 0.110    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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