

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040424\  
 Data File : VL041136.D  
 Acq On : 4 Apr 2024 22:12  
 Operator : SY/MD  
 Sample : P1953-03 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024  
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 05:13:55 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 05 04:49:46 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.211  | 49    | 1415899  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.674  | 114   | 3899770  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.494 | 117   | 3527534  | 10.000   | ppbv   | -0.01    |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.802 | 95    | 2705923  | 9.539    | ppbv   | -0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 95.400%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.735  | 85    | 29119m   | 0.120    | ppbv   |          |
| 9) Propene                  | 2.703  | 41    | 44303    | 0.639    | ppbv   | 94       |
| 13) Ethanol                 | 3.256  | 45    | 33777    | 2.047    | ppbv   | 99       |
| 15) Acetone                 | 3.478  | 43    | 1186032  | 7.736    | ppbv # | 79       |
| 17) tert-Butyl alcohol      | 3.906  | 59    | 47103    | 0.339    | ppbv # | 91       |
| 20) Methylene Chloride      | 3.947  | 84    | 239509   | 3.788    | ppbv   | 95       |
| 26) Hexane                  | 5.234  | 57    | 117697m  | 0.911    | ppbv   |          |
| 34) 2-Butanone              | 4.800  | 43    | 3007774  | 18.226   | ppbv   | 99       |
| 51) 2-Hexanone              | 9.581  | 43    | 466748m  | 2.318    | ppbv   |          |
| 52) Tetrachloroethene       | 10.635 | 164   | 3508m    | 0.038    | ppbv   |          |
| 53) Toluene                 | 9.240  | 91    | 58114m   | 0.193    | ppbv   |          |
| 59) m/p-Xylene              | 12.375 | 91    | 68274m   | 0.196    | ppbv   |          |
| 60) o-Xylene                | 13.089 | 91    | 35855m   | 0.108    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.137 | 105   | 90239m   | 0.242    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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