

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051623\  
 Data File : VL040450.D  
 Acq On : 16 May 2023 23:15  
 Operator : SY/MD  
 Sample : 02793-04DL 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-4DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023  
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:18:51 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2023

QLast Update : Wed May 17 05:12:40 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.208  | 49    | 931734   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.674  | 114   | 2306342  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.494 | 117   | 2120700  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.802 | 95    | 1777782  | 10.426   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 104.300% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 9) Propene                  | 2.713  | 41    | 27014m   | 0.577    | ppbv   |          |
| 10) Heptane                 | 7.603  | 43    | 32939m   | 0.304    | ppbv   |          |
| 13) Ethanol                 | 3.259  | 45    | 44986m   | 12.680   | ppbv   |          |
| 15) Acetone                 | 3.491  | 43    | 143793m  | 1.220    | ppbv   |          |
| 18) 1,1-Dichloroethene      | 3.896  | 96    | 13050m   | 0.244    | ppbv   |          |
| 20) Methylene Chloride      | 3.944  | 84    | 267738   | 5.099    | ppbv   | 94       |
| 24) 1,1-Dichloroethane      | 4.578  | 63    | 22602    | 0.203    | ppbv # | 97       |
| 26) Hexane                  | 5.227  | 57    | 154392   | 1.678    | ppbv # | 37       |
| 30) Cyclohexane             | 6.619  | 84    | 18632m   | 0.249    | ppbv   |          |
| 32) 1,1,1-Trichloroethane   | 6.021  | 97    | 176273   | 1.011    | ppbv   | 98       |
| 36) Benzene                 | 6.388  | 78    | 59681m   | 0.319    | ppbv   |          |
| 53) Toluene                 | 9.250  | 91    | 138971   | 0.702    | ppbv   | 98       |
| 58) Ethyl Benzene           | 12.118 | 91    | 46191m   | 0.172    | ppbv   |          |
| 59) m/p-Xylene              | 12.372 | 91    | 161553m  | 0.660    | ppbv   |          |
| 60) o-Xylene                | 13.089 | 91    | 56940    | 0.244    | ppbv   | 100      |
| 72) 4-Ethyltoluene          | 15.224 | 105   | 32083m   | 0.121    | ppbv   |          |
| 73) 1,3,5-Trimethylbenzene  | 15.378 | 105   | 29877m   | 0.123    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.137 | 105   | 78371m   | 0.281    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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