

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL071222\  
 Data File : VL039465.D  
 Acq On : 13 Jul 2022 2:41  
 Operator : SY/AP  
 Sample : N3660-06DL 5X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-9DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022  
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 05:58:40 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jul 13 11:34:08 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.681  | 49    | 1372985  | 10.000   | ppbv   | 0.03     |
| 33) 1,4-Difluorobenzene     | 7.189  | 114   | 3837066  | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 12.095 | 117   | 3481932  | 10.000   | ppbv   | 0.03     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.426 | 95    | 2642314  | 10.229   | ppbv   | 0.04     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 102.300% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.060  | 85    | 32520    | 0.164    | ppbv # | 85       |
| 3) Chlorodifluoromethane    | 2.977  | 51    | 58974    | 0.339    | ppbv # | 64       |
| 9) Propene                  | 3.031  | 41    | 15698m   | 0.200    | ppbv   |          |
| 10) Heptane                 | 8.137  | 43    | 39940    | 0.217    | ppbv   | 95       |
| 13) Ethanol                 | 3.607  | 45    | 720933   | 157.963  | ppbv   | 74       |
| 15) Acetone                 | 3.864  | 43    | 327239   | 2.015    | ppbv   | 95       |
| 19) Isopropyl Alcohol       | 3.973  | 45    | 1955233  | 22.567   | ppbv # | 92       |
| 20) Methylene Chloride      | 4.359  | 84    | 292129   | 4.512    | ppbv   | 97       |
| 25) Ethyl Acetate           | 5.681  | 43    | 5519811  | 16.573   | ppbv # | 92       |
| 30) Cyclohexane             | 7.144  | 84    | 24493m   | 0.200    | ppbv   |          |
| 36) Benzene                 | 6.902  | 78    | 64183    | 0.216    | ppbv # | 88       |
| 52) Tetrachloroethene       | 11.240 | 164   | 40314    | 0.337    | ppbv   | 87       |
| 53) Toluene                 | 9.819  | 91    | 232450   | 0.679    | ppbv   | 98       |
| 58) Ethyl Benzene           | 12.722 | 91    | 134088   | 0.298    | ppbv   | 94       |
| 59) m/p-Xylene              | 12.976 | 91    | 716722   | 1.808    | ppbv   | 97       |
| 60) o-Xylene                | 13.700 | 91    | 360010   | 0.959    | ppbv   | 97       |
| 72) 4-Ethyltoluene          | 15.844 | 105   | 57633m   | 0.131    | ppbv   |          |
| 73) 1,3,5-Trimethylbenzene  | 16.008 | 105   | 80221    | 0.198    | ppbv # | 84       |
| 74) 1,2,4-Trimethylbenzene  | 16.773 | 105   | 252739   | 0.564    | ppbv # | 73       |
| -----                       |        |       |          |          |        |          |

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

## Manual Integrations

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