

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL091823\  
 Data File : VL040716.D  
 Acq On : 19 Sep 2023 2:25  
 Operator : SY/MD  
 Sample : 04495-02DL 5X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 AMBIENTDL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023  
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:25:59 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 18 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.202  | 49    | 1350744  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.658  | 114   | 3830617  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.471 | 117   | 3256803  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.780 | 95    | 2399912  | 9.538    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 95.400%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chlorodifluoromethane    | 2.687  | 51    | 56520    | 0.257    | ppbv # | 90       |
| 9) Propene                  | 2.713  | 41    | 49714    | 0.784    | ppbv # | 59       |
| 13) Ethanol                 | 3.253  | 45    | 140913   | 7.510    | ppbv   | 91       |
| 15) Acetone                 | 3.478  | 43    | 1039121  | 5.832    | ppbv   | 96       |
| 19) Isopropyl Alcohol       | 3.597  | 45    | 148002   | 1.379    | ppbv # | 88       |
| 20) Methylene Chloride      | 3.941  | 84    | 30416    | 0.317    | ppbv   | 95       |
| 26) Hexane                  | 5.221  | 57    | 52659    | 0.388    | ppbv # | 49       |
| 34) 2-Butanone              | 4.803  | 43    | 45753m   | 0.237    | ppbv   |          |
| 58) Ethyl Benzene           | 12.098 | 91    | 63050    | 0.170    | ppbv   | 98       |
| 59) m/p-Xylene              | 12.352 | 91    | 277487   | 0.796    | ppbv   | 96       |
| 60) o-Xylene                | 13.063 | 91    | 104350   | 0.314    | ppbv   | 94       |
| 72) 4-Ethyltoluene          | 15.198 | 105   | 69396m   | 0.186    | ppbv   |          |
| 73) 1,3,5-Trimethylbenzene  | 15.362 | 105   | 65371m   | 0.195    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.114 | 105   | 242377   | 0.592    | ppbv # | 63       |
| -----                       |        |       |          |          |        |          |

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

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