

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL020924\  
 Data File : VL041055.D  
 Acq On : 9 Feb 2024 13:06  
 Operator : SY/MD  
 Sample : P1420-05DL 10X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS3DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024  
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:45:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL012324AIR.M

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

QLast Update : Mon Feb 12 00:40:04 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 5.189  | 49    | 1237002  | 10.000   | ppbv   | 0.01     |
| 33) 1,4-Difluorobenzene       | 6.648  | 114   | 3531740  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 11.459 | 117   | 3253484  | 10.000   | ppbv   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 13.770 | 95    | 2515379  | 10.236   | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 102.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) Heptane                   | 7.571  | 43    | 26404m   | 0.157    | ppbv   |          |
| 13) Ethanol                   | 3.250  | 45    | 40890m   | 2.514    | ppbv   |          |
| 15) Acetone                   | 3.475  | 43    | 151856   | 0.960    | ppbv # | 86       |
| 19) Isopropyl Alcohol         | 3.591  | 45    | 30618    | 0.334    | ppbv # | 83       |
| 26) Hexane                    | 5.211  | 57    | 264857   | 2.166    | ppbv # | 39       |
| 34) 2-Butanone                | 4.793  | 43    | 161080   | 0.957    | ppbv   | 97       |
| 51) 2-Hexanone                | 9.558  | 43    | 162590m  | 0.761    | ppbv   |          |
| 52) Tetrachloroethene         | 10.613 | 164   | 40036    | 0.413    | ppbv   | 88       |
| 53) Toluene                   | 9.217  | 91    | 156153   | 0.489    | ppbv   | 99       |
| 58) Ethyl Benzene             | 12.089 | 91    | 67335m   | 0.154    | ppbv   |          |
| 59) m/p-Xylene                | 12.343 | 91    | 219833   | 0.577    | ppbv   | 91       |
| 60) o-Xylene                  | 13.053 | 91    | 80641    | 0.221    | ppbv   | 88       |
| 63) 1,1,2,2-Tetrachloroethane | 13.024 | 83    | 38448m   | 0.135    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene    | 16.098 | 105   | 72913m   | 0.178    | ppbv   |          |
| -----                         |        |       |          |          |        |          |

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

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