

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL060524\  
 Data File : VL041330.D  
 Acq On : 5 Jun 2024 16:51  
 Operator : SY/MD  
 Sample : P2673-01DL 5X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 INSIDE-LOC-3DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024  
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:40:58 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.208  | 49   | 898700   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 6.668  | 114  | 2371042  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 11.478 | 117  | 2169660  | 10.000 | ppbv  | 0.02     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1680501 10.032 ppbv 0.01  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

|                            |        |     |         |        |        | Qvalue |
|----------------------------|--------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane | 2.764  | 85  | 16293m  | 0.114  | ppbv   |        |
| 4) Chloromethane           | 2.841  | 50  | 8791    | 0.164  | ppbv   | 94     |
| 9) Propene                 | 2.726  | 41  | 44796   | 0.886  | ppbv   | 93     |
| 10) Heptane                | 7.594  | 43  | 17339m  | 0.145  | ppbv   |        |
| 13) Ethanol                | 3.269  | 45  | 141234m | 10.732 | ppbv   |        |
| 15) Acetone                | 3.504  | 43  | 130387  | 1.271  | ppbv # | 75     |
| 19) Isopropyl Alcohol      | 3.613  | 45  | 18613m  | 0.289  | ppbv   |        |
| 20) Methylene Chloride     | 3.954  | 84  | 826473  | 22.160 | ppbv   | 98     |
| 26) Hexane                 | 5.230  | 57  | 1008819 | 11.051 | ppbv # | 41     |
| 30) Cyclohexane            | 6.619  | 84  | 11056m  | 0.149  | ppbv   |        |
| 34) 2-Butanone             | 4.825  | 43  | 13276m  | 0.117  | ppbv   |        |
| 36) Benzene                | 6.388  | 78  | 53728   | 0.292  | ppbv   | 93     |
| 44) 2,2,4-Trimethylpentane | 7.343  | 57  | 54126m  | 0.171  | ppbv   |        |
| 53) Toluene                | 9.233  | 91  | 151848  | 0.718  | ppbv   | 100    |
| 58) Ethyl Benzene          | 12.101 | 91  | 34526   | 0.124  | ppbv   | 89     |
| 59) m/p-Xylene             | 12.359 | 91  | 111455m | 0.468  | ppbv   |        |
| 60) o-Xylene               | 13.063 | 91  | 39210m  | 0.173  | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.127 | 105 | 31994m  | 0.123  | ppbv   |        |

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

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