

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL020724\  
 Data File : VL041042.D  
 Acq On : 7 Feb 2024 16:02  
 Operator : SY/MD  
 Sample : P1393-02 2X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024  
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:44:59 2024

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

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

QLast Update : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.172  | 49    | 1038220  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.632  | 114   | 2648079  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.442 | 117   | 2429781  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.754 | 95    | 1910992  | 10.413   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 104.100% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.713  | 85    | 55718    | 0.243    | ppbv   | 91       |
| 4) Chloromethane            | 2.793  | 50    | 44589    | 0.681    | ppbv   | 96       |
| 9) Propene                  | 2.677  | 41    | 604081   | 10.546   | ppbv   | 90       |
| 10) Heptane                 | 7.555  | 43    | 547259   | 3.882    | ppbv   | 100      |
| 11) Trichlorofluoromethane  | 3.542  | 101   | 22581m   | 0.122    | ppbv   |          |
| 13) Ethanol                 | 3.227  | 45    | 54243m   | 3.974    | ppbv   |          |
| 15) Acetone                 | 3.452  | 43    | 495415m  | 3.731    | ppbv   |          |
| 18) 1,1-Dichloroethene      | 3.864  | 96    | 11087    | 0.193    | ppbv # | 80       |
| 20) Methylene Chloride      | 3.912  | 84    | 291046   | 5.697    | ppbv   | 96       |
| 24) 1,1-Dichloroethane      | 4.542  | 63    | 36995    | 0.305    | ppbv # | 93       |
| 26) Hexane                  | 5.192  | 57    | 288503   | 2.812    | ppbv # | 46       |
| 27) Carbon Disulfide        | 4.105  | 76    | 26954    | 0.202    | ppbv # | 86       |
| 28) Methyl tert-Butyl Ether | 4.568  | 73    | 27809m   | 0.327    | ppbv   |          |
| 29) Chloroform              | 5.253  | 83    | 34392m   | 0.189    | ppbv   |          |
| 30) Cyclohexane             | 6.581  | 84    | 54365    | 0.632    | ppbv # | 90       |
| 31) cis-1,2-Dichloroethene  | 5.057  | 61    | 56495    | 0.587    | ppbv   | 95       |
| 32) 1,1,1-Trichloroethane   | 5.983  | 97    | 423209   | 2.433    | ppbv   | 97       |
| 34) 2-Butanone              | 4.767  | 43    | 534447   | 4.236    | ppbv   | 97       |
| 35) Carbon Tetrachloride    | 6.475  | 117   | 6354m    | 0.036    | ppbv   |          |
| 36) Benzene                 | 6.349  | 78    | 207109   | 0.947    | ppbv   | 98       |
| 38) Trichloroethene         | 7.262  | 130   | 3170m    | 0.036    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 7.301  | 57    | 41593m   | 0.113    | ppbv   |          |
| 50) 4-Methyl-2-Pentanone    | 8.182  | 43    | 46689m   | 0.210    | ppbv   |          |
| 51) 2-Hexanone              | 9.545  | 43    | 74120    | 0.463    | ppbv # | 97       |
| 52) Tetrachloroethene       | 10.593 | 164   | 15127m   | 0.208    | ppbv   |          |
| 53) Toluene                 | 9.198  | 91    | 1522674  | 6.356    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.066 | 91    | 105661   | 0.324    | ppbv   | 97       |
| 59) m/p-Xylene              | 12.323 | 91    | 268271m  | 0.943    | ppbv   |          |
| 60) o-Xylene                | 13.027 | 91    | 90369    | 0.331    | ppbv   | 99       |
| 61) Styrene                 | 12.876 | 104   | 73040    | 0.583    | ppbv   | 93       |
| 74) 1,2,4-Trimethylbenzene  | 16.085 | 105   | 82611    | 0.269    | ppbv # | 63       |
| 79) Naphthalene             | 21.361 | 128   | 22973m   | 0.131    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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