

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\  
 Data File : VL038998.D  
 Acq On : 9 May 2022 22:22  
 Operator : SY/AP  
 Sample : N2744-01DL 5X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 SV1DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022  
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 20 04:08:05 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:  
 QLast Update : Thu May 05 10:12:15 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1300185  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3484653  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.05 | 117  | 3108420  | 10.00 | ppbv  | -0.02    |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.38  | 95    | 2452707  | 9.96     | ppbv | -0.02  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.60% |

## Target Compounds

|                            |       |     |         |          |        | Ovalue |
|----------------------------|-------|-----|---------|----------|--------|--------|
| 2) Dichlorodifluoromethane | 3.04  | 85  | 26833m  | 0.132    | ppbv   |        |
| 4) Chloromethane           | 3.13  | 50  | 13031m  | 0.161    | ppbv   |        |
| 9) Propene                 | 3.00  | 41  | 2386525 | 33.872   | ppbv   | 86     |
| 10) Heptane                | 8.10  | 43  | 1679720 | 9.718    | ppbv   | 98     |
| 13) Ethanol                | 3.59  | 45  | 9737041 | 1952.850 | ppbv   | 90     |
| 15) Acetone                | 3.84  | 43  | 457682m | 3.732    | ppbv   |        |
| 20) Methylene Chloride     | 4.33  | 84  | 70073   | 1.516    | ppbv # | 87     |
| 26) Hexane                 | 5.67  | 57  | 2405431 | 18.442   | ppbv # | 39     |
| 27) Carbon Disulfide       | 4.54  | 76  | 101769  | 0.821    | ppbv # | 83     |
| 30) Cyclohexane            | 7.11  | 84  | 520395  | 4.765    | ppbv   | 95     |
| 34) 2-Butanone             | 5.22  | 43  | 878514  | 4.942    | ppbv   | 96     |
| 36) Benzene                | 6.87  | 78  | 1162574 | 3.898    | ppbv   | 99     |
| 41) Tetrahydrofuran        | 6.04  | 42  | 90931m  | 0.761    | ppbv   |        |
| 44) 2,2,4-Trimethylpentane | 7.84  | 57  | 6656725 | 12.721   | ppbv # | 92     |
| 50) 4-Methyl-2-Pentanone   | 8.72  | 43  | 250537m | 0.804    | ppbv   |        |
| 51) 2-Hexanone             | 10.09 | 43  | 648232m | 2.849    | ppbv   |        |
| 52) Tetrachloroethene      | 11.19 | 164 | 3902293 | 36.618   | ppbv   | 98     |
| 53) Toluene                | 9.78  | 91  | 7580062 | 22.678   | ppbv   | 96     |
| 58) Ethyl Benzene          | 12.68 | 91  | 2114267 | 4.726    | ppbv   | 100    |
| 59) m/p-Xylene             | 12.93 | 91  | 4950687 | 12.964   | ppbv   | 93     |
| 60) o-Xylene               | 13.66 | 91  | 1852467 | 5.154    | ppbv   | 100    |
| 62) Isopropylbenzene       | 14.63 | 105 | 189468  | 0.360    | ppbv   | 98     |
| 64) n-propylbenzene        | 15.53 | 120 | 87625   | 0.690    | ppbv   | 95     |
| 72) 4-Ethyltoluene         | 15.81 | 105 | 403941  | 0.986    | ppbv   | 98     |
| 73) 1,3,5-Trimethylbenzene | 15.96 | 105 | 284957  | 0.773    | ppbv   | 100    |
| 74) 1,2,4-Trimethylbenzene | 16.73 | 105 | 923035  | 2.286    | ppbv # | 65     |

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

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