

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\  
 Data File : VL038933.D  
 Acq On : 15 Apr 2022 1:26  
 Operator : SY/AP  
 Sample : N2259-07  
 Misc : 400mL/MSVOA L  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 1165-19-IA-2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022  
 Supervised By :Mahesh Dadoda 04/18/2022

Quant Time: Apr 15 10:18:34 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1215257  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3068732  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 2758408  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2188253  | 10.46    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 104.60% |

Target Compounds

|                            |       |     |          |         | Ovalue     |
|----------------------------|-------|-----|----------|---------|------------|
| 2) Dichlorodifluoromethane | 3.05  | 85  | 104049m  | 0.604   | ppbv       |
| 4) Chloromethane           | 3.14  | 50  | 38105    | 0.496   | ppbv 89    |
| 9) Propene                 | 3.02  | 41  | 346298m  | 4.413   | ppbv       |
| 10) Heptane                | 8.12  | 43  | 3598380  | 18.206  | ppbv 97    |
| 11) Trichlorofluoromethane | 3.95  | 101 | 566591   | 4.090   | ppbv 98    |
| 13) Ethanol                | 3.61  | 45  | 740389   | 155.261 | ppbv # 100 |
| 15) Acetone                | 3.85  | 43  | 28055377 | 231.882 | ppbv # 68  |
| 19) Isopropyl Alcohol      | 3.97  | 45  | 464931   | 7.519   | ppbv # 100 |
| 20) Methylene Chloride     | 4.35  | 84  | 196991   | 4.489   | ppbv 97    |
| 25) Ethyl Acetate          | 5.67  | 43  | 477208   | 1.554   | ppbv 99    |
| 26) Hexane                 | 5.69  | 57  | 226332   | 1.620   | ppbv 96    |
| 30) Cyclohexane            | 7.12  | 84  | 124644m  | 1.012   | ppbv       |
| 34) 2-Butanone             | 5.25  | 43  | 233558   | 1.926   | ppbv 97    |
| 35) Carbon Tetrachloride   | 7.02  | 117 | 11050m   | 0.060   | ppbv       |
| 36) Benzene                | 6.89  | 78  | 335897   | 1.203   | ppbv 97    |
| 44) 2,2,4-Trimethylpentane | 7.87  | 57  | 273282   | 0.578   | ppbv # 1   |
| 50) 4-Methyl-2-Pentanone   | 8.74  | 43  | 206012   | 0.755   | ppbv 100   |
| 52) Tetrachloroethene      | 11.22 | 164 | 7487m    | 0.077   | ppbv       |
| 53) Toluene                | 9.81  | 91  | 17450349 | 54.148  | ppbv 87    |
| 58) Ethyl Benzene          | 12.71 | 91  | 806223   | 1.956   | ppbv 91    |
| 59) m/p-Xylene             | 12.96 | 91  | 2077114  | 5.998   | ppbv 99    |
| 60) o-Xylene               | 13.69 | 91  | 826703   | 2.551   | ppbv 94    |
| 61) Styrene                | 13.52 | 104 | 53636m   | 0.272   | ppbv       |
| 62) Isopropylbenzene       | 14.66 | 105 | 109949m  | 0.226   | ppbv       |
| 64) n-propylbenzene        | 15.55 | 120 | 89069    | 0.705   | ppbv 81    |
| 70) n-Butylbenzene         | 18.54 | 91  | 205663m  | 0.411   | ppbv       |
| 72) 4-Ethyltoluene         | 15.83 | 105 | 445210   | 1.151   | ppbv 100   |
| 73) 1,3,5-Trimethylbenzene | 15.99 | 105 | 383587   | 1.104   | ppbv 86    |
| 74) 1,2,4-Trimethylbenzene | 16.75 | 105 | 1370590  | 3.730   | ppbv # 69  |
| 79) Naphthalene            | 22.18 | 128 | 105068m  | 0.382   | ppbv       |
| 80) Naphthalene,2-methyl-  | 24.96 | 142 | 35206    | 0.520   | ppbv # 67  |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041422\  
Data File : VL038933.D  
Acq On : 15 Apr 2022 1:26  
Operator : SY/AP  
Sample : N2259-07  
Misc : 400mL/MSVOA L  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
1165-19-IA-2

Manual Integrations  
APPROVED

Quant Time: Apr 15 10:18:34 2022

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/15/2022  
Supervised By :Mahesh Dadoda 04/18/2022

