

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\  
 Data File : VL037029.D  
 Acq On : 20 May 2021 18:32  
 Operator : SY/AP  
 Sample : M2424-03 2X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 KSV-02

Manual Integrations  
 APPROVED

MMDadoda  
 5/24/2021 3:27:05 PM

Quant Time: May 22 22:52:13 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May 18 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.64  | 49   | 1203292  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.14  | 114  | 3425916  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.05 | 117  | 3115059  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.37  | 95    | 2390514  | 10.22    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.20% |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 3) Chlorodifluoromethane   | 2.97  | 51   | 51328    | 0.233   | ppbv # | 86     |
| 4) Chloromethane           | 3.11  | 50   | 7403     | 0.099   | ppbv   | 97     |
| 9) Propene                 | 2.98  | 41   | 408646   | 5.177   | ppbv   | 98     |
| 10) Heptane                | 8.09  | 43   | 107252   | 0.545   | ppbv   | 99     |
| 11) Trichlorofluoromethane | 3.92  | 101  | 24747m   | 0.131   | ppbv   |        |
| 13) Ethanol                | 3.58  | 45   | 611708   | 58.080  | ppbv   | 94     |
| 15) Acetone                | 3.82  | 43   | 19065531 | 154.690 | ppbv # | 83     |
| 17) tert-Butyl alcohol     | 4.27  | 59   | 330034   | 2.923   | ppbv # | 94     |
| 19) Isopropyl Alcohol      | 3.94  | 45   | 397735   | 6.003   | ppbv # | 30     |
| 20) Methylene Chloride     | 4.32  | 84   | 140822   | 2.132   | ppbv   | 97     |
| 26) Hexane                 | 5.65  | 57   | 283517   | 1.874   | ppbv # | 14     |
| 27) Carbon Disulfide       | 4.52  | 76   | 9542143  | 62.578  | ppbv   | 96     |
| 29) Chloroform             | 5.72  | 83   | 83313    | 0.390   | ppbv   | 86     |
| 30) Cyclohexane            | 7.09  | 84   | 27879    | 0.217   | ppbv # | 64     |
| 34) 2-Butanone             | 5.21  | 43   | 1697011  | 13.604  | ppbv   | 100    |
| 36) Benzene                | 6.86  | 78   | 554250   | 1.878   | ppbv   | 98     |
| 38) Trichloroethene        | 7.79  | 130  | 5696m    | 0.045   | ppbv   |        |
| 50) 4-Methyl-2-Pentanone   | 8.72  | 43   | 45234    | 0.220   | ppbv # | 84     |
| 51) 2-Hexanone             | 10.10 | 43   | 193752   | 1.780   | ppbv # | 92     |
| 52) Tetrachloroethene      | 11.18 | 164  | 38404m   | 0.327   | ppbv   |        |
| 53) Toluene                | 9.76  | 91   | 539805   | 1.537   | ppbv   | 99     |
| 58) Ethyl Benzene          | 12.67 | 91   | 952183   | 2.166   | ppbv   | 94     |
| 59) m/p-Xylene             | 12.96 | 91   | 884715   | 2.434   | ppbv   | 98     |
| 60) o-Xylene               | 13.65 | 91   | 343431m  | 0.991   | ppbv   |        |
| 61) Styrene                | 13.49 | 104  | 88887    | 0.455   | ppbv   | 93     |
| 62) Isopropylbenzene       | 14.63 | 105  | 78258    | 0.157   | ppbv   | 98     |
| 64) n-propylbenzene        | 15.53 | 120  | 37440    | 0.291   | ppbv   | 67     |
| 72) 4-Ethyltoluene         | 15.81 | 105  | 164871m  | 0.401   | ppbv   |        |
| 73) 1,3,5-Trimethylbenzene | 15.96 | 105  | 168949   | 0.437   | ppbv   | 90     |
| 74) 1,2,4-Trimethylbenzene | 16.73 | 105  | 318679m  | 0.798   | ppbv   |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052021\  
Data File : VL037029.D  
Acq On : 20 May 2021 18:32  
Operator : SY/AP  
Sample : M2424-03 2X  
Misc : 400mL/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
KSV-02

Manual Integrations  
APPROVED

MMDadoda  
5/24/2021 3:27:05 PM

Quant Time: May 22 22:52:13 2021  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LTue May  
QLast Update : Tue May 18 12:00:15 2021  
Response via : Initial Calibration

