Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032921\
Data File : VL036553.D
Acq On : 30 Mar 2021 00:18
Operator : SY/AP
Sample : M1759-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
CR-103

**Manual Integrations APPROVED**
MMDadoda
3/30/2021 7:44:28 PM

Quant Time: Mar 30 11:45:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 1524145 | 10.00 | ppbv | | -0.03 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 3437349 | 10.00 | ppbv | | -0.03 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 3025983 | 10.00 | ppbv | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 2385029 | 9.89 | ppbv | | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 98.90% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.03 | 85 | 58434 | 0.235 | ppbv | | 99 |
| 3) Chlorodifluoromethane | 2.97 | 51 | 68591m | 0.241 | ppbv | | |
| 4) Chloromethane | 3.12 | 50 | 80101 | 0.796 | ppbv | | 96 |
| 9) Propene | 3.00 | 41 | 68650 | 0.756 | ppbv | | 85 |
| 11) Trichlorofluoromethane | 3.93 | 101 | 53468 | 0.211 | ppbv | | 90 |
| 13) Ethanol | 3.60 | 45 | 477221m | 44.144 | ppbv | | |
| 15) Acetone | 3.83 | 43 | 2137518 | 14.249 | ppbv | | 99 |
| 19) Isopropyl Alcohol | 3.97 | 45 | 141425 | 1.714 | ppbv | # | 89 |
| 20) Methylene Chloride | 4.32 | 84 | 591554 | 8.422 | ppbv | | 96 |
| 26) Hexane | 5.67 | 57 | 1046652 | 6.324 | ppbv | # | 47 |
| 34) 2-Butanone | 5.23 | 43 | 136900 | 0.816 | ppbv | # | 90 |
| 35) Carbon Tetrachloride | 6.99 | 117 | 14968m | 0.057 | ppbv | | |
| 36) Benzene | 6.87 | 78 | 61852m | 0.195 | ppbv | | |
| 53) Toluene | 9.78 | 91 | 466592 | 1.382 | ppbv | | 99 |
| 59) m/p-Xylene | 12.94 | 91 | 40431m | 0.105 | ppbv | | |

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

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