Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037780.D
Acq On : 5 Oct 2021 19:18
Operator : SY/AP
Sample : M4012-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** C0P09

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 7:36:23 PM

Quant Time: Oct 06 06:09:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 1276382 | 10.00 | ppbv | -0.02 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 3671855 | 10.00 | ppbv | -0.02 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 3087928 | 10.00 | ppbv | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 1928511 | 8.93 | ppbv | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 89.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 24358m | 0.119 | ppbv | |
| 4) Chloromethane | 3.13 | 50 | 25027 | 0.279 | ppbv | 89 |
| 9) Propene | 3.00 | 41 | 25315m | 0.281 | ppbv | |
| 11) Trichlorofluoromethane | 3.94 | 101 | 42878m | 0.236 | ppbv | |
| 13) Ethanol | 3.59 | 45 | 129415m | 17.537 | ppbv | |
| 15) Acetone | 3.83 | 43 | 1921820 | 16.773 | ppbv | 90 |
| 17) tert-Butyl alcohol | 4.29 | 59 | 40598 | 0.344 | ppbv | 95 |
| 20) Methylene Chloride | 4.33 | 84 | 56289 | 0.972 | ppbv | 94 |
| 26) Hexane | 5.67 | 57 | 92466m | 0.584 | ppbv | |
| 29) Chloroform | 5.74 | 83 | 105375 | 0.466 | ppbv | 95 |
| 32) 1,1,1-Trichloroethane | 6.49 | 97 | 25130m | 0.117 | ppbv | |
| 34) 2-Butanone | 5.23 | 43 | 248401m | 1.676 | ppbv | |
| 38) Trichloroethene | 7.81 | 130 | 15176m | 0.122 | ppbv | |
| 41) Tetrahydrofuran | 6.05 | 42 | 57537m | 0.793 | ppbv | |
| 52) Tetrachloroethene | 11.20 | 164 | 3641021 | 29.840 | ppbv | 97 |

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

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