Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032281.D
Acq On : 19 Jul 2018 4:27
Operator : SY/AP
Sample : J3454-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
B-10

**Manual Integrations APPROVED**
MMDadoda
7/20/2018 2:53:27 PM

Quant Time: Jul 19 07:55:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 1
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.84 | 49 | 1657115 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.37 | 114 | 3356263 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.33 | 117 | 3984177 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.66 | 95 | 3140639 | 9.72 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.13 | 85 | 129811 | 0.46 | ppbv | | 98 |
| 3) Chlorodifluoromethane | 3.06 | 51 | 85242m | 0.46 | ppbv | | |
| 4) Chloromethane | 3.22 | 50 | 59680 | 0.55 | ppbv | | 92 |
| 11) Trichlorofluoromethane | 4.07 | 101 | 55855 | 0.25 | ppbv | | 93 |
| 13) Ethanol | 3.71 | 45 | 1658430 | 71.42 | ppbv | | 97 |
| 15) Acetone | 3.96 | 43 | 1550164 | 8.94 | ppbv | | 97 |
| 17) tert-Butyl alcohol | 4.44 | 59 | 14917m | 0.27 | ppbv | | |
| 19) Isopropyl Alcohol | 4.09 | 45 | 335713 | 2.86 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.47 | 84 | 77678 | 1.16 | ppbv | | 93 |
| 26) Hexane | 5.86 | 57 | 204310 | 1.18 | ppbv | # | 57 |
| 34) 2-Butanone | 5.40 | 43 | 137558 | 0.60 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.22 | 117 | 15947m | 0.07 | ppbv | | |
| 53) Toluene | 10.04 | 91 | 100027 | 0.25 | ppbv | | 99 |
| 59) m/p-Xylene | 13.21 | 91 | 88035m | 0.18 | ppbv | | |

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

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