Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Data File : VL034356.D
Acq On : 24 Oct 2019 22:52
Operator : SY/AP
Sample : K5516-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV-2DUP

**Manual Integrations APPROVED**
MMDadoda
10/28/2019 9:43:57 AM

Quant Time: Oct 27 19:49:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 1
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 841794 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.21 | 114 | 1764622 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.14 | 117 | 1665784 | 10.00 | ppbv | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.48 | 95 | 1399885 | 9.92 | ppbv | | -0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.02 | 85 | 78812 | 0.543 | ppbv | | 90 |
| 3) Chlorodifluoromethane | 2.96 | 51 | 38992m | 0.395 | ppbv | | |
| 4) Chloromethane | 3.12 | 50 | 25143 | 0.431 | ppbv | | 97 |
| 9) Propene | 2.99 | 41 | 66520m | 1.521 | ppbv | | |
| 10) Heptane | 8.16 | 43 | 43407m | 0.387 | ppbv | | |
| 11) Trichlorofluoromethane | 3.94 | 101 | 29624 | 0.215 | ppbv | # | 82 |
| 13) Ethanol | 3.59 | 45 | 1454237 | 148.501 | ppbv | | 96 |
| 15) Acetone | 3.84 | 43 | 385776m | 3.204 | ppbv | | |
| 19) Isopropyl Alcohol | 3.97 | 45 | 62924 | 0.937 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.34 | 84 | 110585 | 2.541 | ppbv | | 92 |
| 26) Hexane | 5.70 | 57 | 265192 | 3.061 | ppbv | # | 43 |
| 30) Cyclohexane | 7.16 | 84 | 17407m | 0.273 | ppbv | | |
| 34) 2-Butanone | 5.26 | 43 | 43178 | 0.299 | ppbv | | 96 |
| 35) Carbon Tetrachloride | 7.05 | 117 | 8351m | 0.054 | ppbv | | |
| 36) Benzene | 6.92 | 78 | 120306 | 0.711 | ppbv | | 99 |
| 44) 2,2,4-Trimethylpentane | 7.90 | 57 | 74172m | 0.237 | ppbv | | |
| 52) Tetrachloroethene | 11.28 | 164 | 9756m | 0.147 | ppbv | | |
| 53) Toluene | 9.85 | 91 | 571317 | 3.058 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.76 | 91 | 99005 | 0.425 | ppbv | # | 89 |
| 59) m/p-Xylene | 13.02 | 91 | 312848m | 1.551 | ppbv | | |
| 60) o-Xylene | 13.75 | 91 | 103085 | 0.513 | ppbv | | 99 |
| 74) 1,2,4-Trimethylbenzene | 16.82 | 105 | 111505m | 0.478 | ppbv | | |
| 79) Naphthalene | 22.30 | 128 | 20104m | 0.118 | ppbv | | |

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

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MSVOA_L
**ClientSampleId :**
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