Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040721\
Data File : VL036735.D
Acq On : 7 Apr 2021 20:43
Operator : SY/AP
Sample : M1929-06
Misc : 400mL/MSVOA_L
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
Z18A-SS01

Manual Integrations APPROVED
MMDadoda
4/12/2021 11:16:12 AM

Quant Time: Apr 10 22:55:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 0
QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 1290750 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.17 | 114 | 3206632 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.09 | 117 | 2716075 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.42 | 95 | 2144539 | 9.91 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.10% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 40484 | 0.192 | ppbv | | 91 |
| 3) Chlorodifluoromethane | 2.99 | 51 | 50364m | 0.209 | ppbv | | |
| 4) Chloromethane | 3.14 | 50 | 19845m | 0.233 | ppbv | | |
| 7) Chloroethane | 3.56 | 64 | 8059m | 0.268 | ppbv | | |
| 9) Propene | 3.01 | 41 | 71994m | 0.936 | ppbv | | |
| 10) Heptane | 8.12 | 43 | 25638m | 0.131 | ppbv | | |
| 11) Trichlorofluoromethane | 3.95 | 101 | 64489 | 0.301 | ppbv | | 90 |
| 13) Ethanol | 3.62 | 45 | 120680 | 13.182 | ppbv | | 97 |
| 15) Acetone | 3.84 | 43 | 1397417 | 11.000 | ppbv | | 98 |
| 17) tert-Butyl alcohol | 4.31 | 59 | 18354 | 0.166 | ppbv | # | 88 |
| 19) Isopropyl Alcohol | 3.98 | 45 | 91306m | 1.307 | ppbv | | |
| 20) Methylene Chloride | 4.34 | 84 | 512408 | 8.615 | ppbv | | 92 |
| 24) 1,1-Dichloroethane | 5.01 | 63 | 27270 | 0.172 | ppbv | # | 83 |
| 26) Hexane | 5.69 | 57 | 449121 | 3.204 | ppbv | # | 47 |
| 27) Carbon Disulfide | 4.55 | 76 | 58857 | 0.426 | ppbv | # | 96 |
| 29) Chloroform | 5.75 | 83 | 30907 | 0.138 | ppbv | | 90 |
| 32) 1,1,1-Trichloroethane | 6.51 | 97 | 26977m | 0.119 | ppbv | | |
| 34) 2-Butanone | 5.25 | 43 | 208231m | 1.330 | ppbv | | |
| 35) Carbon Tetrachloride | 7.03 | 117 | 7420m | 0.030 | ppbv | | |
| 36) Benzene | 6.89 | 78 | 119865 | 0.405 | ppbv | # | 81 |
| 37) 1,2-Dichloroethane | 6.31 | 62 | 51914 | 0.298 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.75 | 43 | 22844m | 0.101 | ppbv | | |
| 52) Tetrachloroethene | 11.22 | 164 | 562941 | 5.169 | ppbv | | 97 |
| 53) Toluene | 9.81 | 91 | 574898 | 1.825 | ppbv | | 100 |
| 59) m/p-Xylene | 12.97 | 91 | 53730m | 0.156 | ppbv | | |

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

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