Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033460.D
Acq On : 26 Mar 2019 6:47
Operator : SY/AP
Sample : K1991-12
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Manual Integrations APPROVED
MMDadoda
4/1/2019 1:23:16 AM

Quant Time: Mar 31 10:55:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
QLast Update : Tue Mar 26 05:43:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 636118 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.29 | 114 | 1458069 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.24 | 117 | 1463374 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.57 | 95 | 1150384 | 10.03 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 100.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.07 | 85 | 28664 | 0.309 | ppbv | | 97 |
| 3) Chlorodifluoromethane | 3.01 | 51 | 19851m | 0.271 | ppbv | | |
| 4) Chloromethane | 3.16 | 50 | 23330 | 0.602 | ppbv | | 91 |
| 9) Propene | 3.05 | 41 | 16485m | 0.536 | ppbv | | |
| 11) Trichlorofluoromethane | 4.00 | 101 | 28466 | 0.249 | ppbv | | 96 |
| 13) Ethanol | 3.66 | 45 | 70212 | 8.822 | ppbv | | 67 |
| 15) Acetone | 3.90 | 43 | 169587 | 2.217 | ppbv | | 96 |
| 20) Methylene Chloride | 4.41 | 84 | 53716 | 1.654 | ppbv | | 93 |
| 26) Hexane | 5.78 | 57 | 51183 | 0.811 | ppbv | # | 79 |
| 27) Carbon Disulfide | 4.62 | 76 | 19615 | 0.261 | ppbv | # | 86 |
| 34) 2-Butanone | 5.34 | 43 | 21534 | 0.246 | ppbv | | 100 |
| 35) Carbon Tetrachloride | 7.12 | 117 | 8419m | 0.082 | ppbv | | |
| 36) Benzene | 7.01 | 78 | 13257m | 0.108 | ppbv | | |
| 53) Toluene | 9.94 | 91 | 340131 | 2.392 | ppbv | | 99 |

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

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