Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
Data File : VL032939.D
Acq On : 7 Dec 2018 17:53
Operator : SY/AP
Sample : J6262-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** IA3

**Manual Integrations APPROVED**
MMDadoda
12/11/2018 10:09:06 AM

Quant Time: Dec 10 20:10:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 0
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 1254182 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.30 | 114 | 3277555 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.24 | 117 | 3122344 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.58 | 95 | 2555541 | 11.08 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 110.80% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.08 | 85 | 34340 | 0.205 | ppbv | | 96 |
| 3) Chlorodifluoromethane | 3.02 | 51 | 475320 | 5.004 | ppbv | | 96 |
| 4) Chloromethane | 3.18 | 50 | 36881m | 0.667 | ppbv | | |
| 9) Propene | 3.04 | 41 | 171794m | 4.574 | ppbv | | |
| 10) Heptane | 8.25 | 43 | 40145m | 0.285 | ppbv | | |
| 11) Trichlorofluoromethane | 4.01 | 101 | 46485 | 0.295 | ppbv | | 96 |
| 13) Ethanol | 3.66 | 45 | 3996899 | 309.083 | ppbv | | 96 |
| 15) Acetone | 3.90 | 43 | 2059810m | 19.134 | ppbv | | |
| 19) Isopropyl Alcohol | 4.04 | 45 | 4062129 | 60.087 | ppbv | # | 98 |
| 20) Methylene Chloride | 4.41 | 84 | 90752m | 1.725 | ppbv | | |
| 25) Ethyl Acetate | 5.77 | 43 | 1519618 | 5.976 | ppbv | # | 94 |
| 26) Hexane | 5.78 | 57 | 294438 | 2.508 | ppbv | # | 1 |
| 29) Chloroform | 5.85 | 83 | 85870 | 0.410 | ppbv | | 88 |
| 34) 2-Butanone | 5.33 | 43 | 133450 | 0.935 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.14 | 117 | 19713 | 0.077 | ppbv | | 88 |
| 36) Benzene | 7.01 | 78 | 522061 | 2.166 | ppbv | | 96 |
| 38) Trichloroethene | 7.96 | 130 | 29035 | 0.289 | ppbv | # | 81 |
| 44) 2,2,4-Trimethylpentane | 7.99 | 57 | 134137 | 0.328 | ppbv | # | 83 |
| 52) Tetrachloroethene | 11.37 | 164 | 119803m | 1.366 | ppbv | | |
| 53) Toluene | 9.95 | 91 | 927711 | 3.629 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.87 | 91 | 60975 | 0.183 | ppbv | | 92 |
| 59) m/p-Xylene | 13.13 | 91 | 194651m | 0.645 | ppbv | | |
| 60) o-Xylene | 13.86 | 91 | 65545 | 0.215 | ppbv | | 100 |
| 61) Styrene | 13.69 | 104 | 32320m | 0.159 | ppbv | | |
| 69) p-Isopropyltoluene | 17.82 | 119 | 88860 | 0.189 | ppbv | # | 91 |
| 72) 4-Ethyltoluene | 16.00 | 105 | 34911m | 0.103 | ppbv | | |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105 | 35610 | 0.107 | ppbv | | 89 |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105 | 120601 | 0.321 | ppbv | # | 74 |
| 76) 1,4-Dichlorobenzene | 17.31 | 146 | 54249m | 0.263 | ppbv | | |
| 79) Naphthalene | 22.42 | 128 | 61051m | 0.252 | ppbv | | |

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

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