Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036187.D
Acq On : 17 Dec 2020 4:25
Operator : SY/AP
Sample : L5082-01 4X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

**Manual Integrations APPROVED**
MMDadoda
12/17/2020 3:57:02 PM

Quant Time: Dec 17 13:42:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 1494647 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 2857978 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.11 | 117 | 2667048 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.44 | 95 | 2486109 | 11.74 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 117.40% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 24010m | 0.138 | ppbv | | |
| 3) Chlorodifluoromethane | 2.99 | 51 | 27642 | 0.162 | ppbv | # | 86 |
| 4) Chloromethane | 3.14 | 50 | 9271m | 0.111 | ppbv | | |
| 9) Propene | 3.01 | 41 | 57195m | 0.670 | ppbv | | |
| 10) Heptane | 8.14 | 43 | 79615m | 0.365 | ppbv | | |
| 13) Ethanol | 3.61 | 45 | 63732m | 5.412 | ppbv | | |
| 15) Acetone | 3.85 | 43 | 612867 | 3.412 | ppbv | | 90 |
| 20) Methylene Chloride | 4.35 | 84 | 182512 | 2.479 | ppbv | | 96 |
| 26) Hexane | 5.70 | 57 | 619615 | 3.836 | ppbv | # | 37 |
| 27) Carbon Disulfide | 4.56 | 76 | 36497m | 0.227 | ppbv | | |
| 29) Chloroform | 5.77 | 83 | 59131m | 0.279 | ppbv | | |
| 34) 2-Butanone | 5.26 | 43 | 90156 | 0.476 | ppbv | | 94 |
| 36) Benzene | 6.91 | 78 | 32315m | 0.133 | ppbv | | |
| 52) Tetrachloroethene | 11.24 | 164 | 46396m | 0.529 | ppbv | | |
| 53) Toluene | 9.83 | 91 | 200348 | 0.737 | ppbv | | 98 |
| 57) Chlorobenzene | 12.22 | 112 | 217310m | 1.161 | ppbv | | |
| 58) Ethyl Benzene | 12.73 | 91 | 191089 | 0.523 | ppbv | | 93 |
| 59) m/p-Xylene | 12.99 | 91 | 332406m | 1.080 | ppbv | | |
| 60) o-Xylene | 13.72 | 91 | 174236m | 0.601 | ppbv | | |
| 62) Isopropylbenzene | 14.69 | 105 | 80219m | 0.187 | ppbv | | |
| 67) sec-Butylbenzene | 17.33 | 105 | 86121 | 0.175 | ppbv | | 95 |
| 70) n-Butylbenzene | 18.60 | 91 | 127409m | 0.329 | ppbv | | |
| 72) 4-Ethyltoluene | 15.87 | 105 | 82718m | 0.263 | ppbv | | |
| 73) 1,3,5-Trimethylbenzene | 16.03 | 105 | 84374m | 0.281 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.80 | 105 | 140044 | 0.465 | ppbv | # | 69 |

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

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