Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039110.D
Acq On : 24 May 2022 8:20
Operator : SY/AP
Sample : N2991-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-2

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 24 09:09:10 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May (
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.648 | 49 | 1234482 | 10.000 | ppbv | | -0.02 |
| 33) 1,4-Difluorobenzene | 7.153 | 114 | 3121675 | 10.000 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 12.053 | 117 | 2752157 | 10.000 | ppbv | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.378 | 95 | 2166802 | 9.941 | ppbv | | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.400% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 9) Propene | 3.002 | 41 | 188542 | 2.818 | ppbv | | 89 |
| 10) Heptane | 8.095 | 43 | 209314 | 1.275 | ppbv | | 97 |
| 13) Ethanol | 3.587 | 45 | 1162343 | 245.526 | ppbv | | 87 |
| 15) Acetone | 3.828 | 43 | 9052033 | 77.734 | ppbv | | 94 |
| 17) tert-Butyl alcohol | 4.278 | 59 | 112617 | 1.258 | ppbv | | 98 |
| 19) Isopropyl Alcohol | 3.947 | 45 | 488131 | 8.816 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.327 | 84 | 69883 | 1.592 | ppbv | | 95 |
| 26) Hexane | 5.667 | 57 | 279233 | 2.255 | ppbv | # | 39 |
| 27) Carbon Disulfide | 4.539 | 76 | 23974 | 0.204 | ppbv | # | 76 |
| 30) Cyclohexane | 7.111 | 84 | 52877m | 0.510 | ppbv | | |
| 34) 2-Butanone | 5.224 | 43 | 91849m | 0.577 | ppbv | | |
| 36) Benzene | 6.867 | 78 | 349867 | 1.310 | ppbv | | 94 |
| 44) 2,2,4-Trimethylpentane | 7.844 | 57 | 634451 | 1.353 | ppbv | # | 92 |
| 52) Tetrachloroethene | 11.188 | 164 | 77811 | 0.815 | ppbv | # | 85 |
| 53) Toluene | 9.773 | 91 | 1781815 | 5.951 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.680 | 91 | 441172 | 1.114 | ppbv | | 95 |
| 59) m/p-Xylene | 12.931 | 91 | 1458136m | 4.312 | ppbv | | |
| 60) o-Xylene | 13.657 | 91 | 256329 | 0.805 | ppbv | | 98 |
| 62) Isopropylbenzene | 14.635 | 105 | 1293964 | 2.780 | ppbv | | 100 |
| 64) n-propylbenzene | 15.532 | 120 | 26726m | 0.238 | ppbv | | |
| 72) 4-Ethyltoluene | 15.805 | 105 | 185857 | 0.513 | ppbv | | 99 |
| 73) 1,3,5-Trimethylbenzene | 15.956 | 105 | 86853m | 0.266 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.725 | 105 | 286618 | 0.802 | ppbv | # | 65 |

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

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