Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060722\
Data File : VL039227.D
Acq On : 8 Jun 2022 2:52
Operator : SY/AP
Sample : N3199-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 07:28:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.67 | 49 | 584223 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.18 | 114 | 1369411 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.09 | 117 | 1249796 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.42 | 95 | 1190997 | 11.53 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 115.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 26876m | 0.262 | ppbv | |
| 3) Chlorodifluoromethane | 3.00 | 51 | 22953m | 0.309 | ppbv | |
| 4) Chloromethane | 3.15 | 50 | 4217m | 0.110 | ppbv | |
| 9) Propene | 3.03 | 41 | 19309 | 0.596 | ppbv # | 81 |
| 10) Heptane | 8.13 | 43 | 7311m | 0.097 | ppbv | |
| 11) Trichlorofluoromethane | 3.96 | 101 | 22029m | 0.237 | ppbv | |
| 13) Ethanol | 3.63 | 45 | 11913m | 6.739 | ppbv | |
| 15) Acetone | 3.86 | 43 | 239017 | 3.927 | ppbv # | 89 |
| 17) tert-Butyl alcohol | 4.31 | 59 | 10684m | 0.226 | ppbv | |
| 19) Isopropyl Alcohol | 3.99 | 45 | 12785m | 0.448 | ppbv | |
| 20) Methylene Chloride | 4.35 | 84 | 67228 | 2.621 | ppbv | 96 |
| 23) Vinyl Acetate | 5.08 | 43 | 66464 | 1.320 | ppbv # | 98 |
| 26) Hexane | 5.70 | 57 | 55472 | 0.920 | ppbv # | 27 |
| 27) Carbon Disulfide | 4.56 | 76 | 20078m | 0.321 | ppbv | |
| 29) Chloroform | 5.76 | 83 | 122505 | 1.208 | ppbv | 94 |
| 34) 2-Butanone | 5.26 | 43 | 210329 | 2.827 | ppbv | 99 |
| 35) Carbon Tetrachloride | 7.04 | 117 | 5397m | 0.054 | ppbv | |
| 51) 2-Hexanone | 10.15 | 43 | 115175m | 1.329 | ppbv | |
| 52) Tetrachloroethene | 11.23 | 164 | 208748 | 4.809 | ppbv | 94 |
| 53) Toluene | 9.82 | 91 | 14953m | 0.117 | ppbv | |
| 59) m/p-Xylene | 12.97 | 91 | 22981m | 0.152 | ppbv | |
| 60) o-Xylene | 13.70 | 91 | 15877m | 0.111 | ppbv | |
| 74) 1,2,4-Trimethylbenzene | 16.76 | 105 | 51711m | 0.308 | ppbv | |
| 79) Naphthalene | 22.20 | 128 | 33329m | 0.258 | ppbv | |
| 80) Naphthalene,2-methyl- | 24.98 | 142 | 8364 | 0.174 | ppbv | 87 |

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

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