Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
Data File : VV033798.D
Acq On : 22 Jan 2024 13:25
Operator : SY/MD
Sample : P1190-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DCMT2

Quant Time: Jan 22 23:43:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.535 | 114 | 212417 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 199760 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 106907 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 79855 | 48.915 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 97.840% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 63425 | 49.059 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 98.120% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.063 | 65 | 36193 | 51.514 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 103.020% | | | |
| 21) 2-Butanone-d5 | 3.809 | 46 | 87753 | 78.368 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 78.370% | | | |
| 24) Chloroform-d | 4.249 | 84 | 126607 | 43.371 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.740% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 87768 | 46.533 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.060% | | | |
| 32) Benzene-d6 | 4.960 | 84 | 252414 | 44.447 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.900% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 81011 | 43.337 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 86.680% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 240777 | 47.056 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.120% | | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 37793 | 40.907 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 81.820% | | | |
| 47) 2-Hexanone-d5 | 8.021 | 63 | 60430 | 77.933 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 77.930% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 102675 | 43.024 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.040% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.561 | 152 | 96983 | 47.814 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.620% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.285 | 62 | 394875 | 205.411 | ug/L # | 72 |
| 12) 1,1-Dichloroethene | 2.073 | 96 | 9937 | 7.795 | ug/L # | 1 |
| 14) Carbon disulfide | 2.243 | 76 | 31937 | 7.371 | ug/L | 99 |
| 16) Methylene chloride | 2.449 | 84 | 4535 | 2.916 | ug/L | 91 |
| 17) trans-1,2-Dichloroethene | 2.696 | 96 | 219839 | 154.378 | ug/L | 95 |
| 20) cis-1,2-Dichloroethene | 3.818 | 96 | 17999102 | 11356.665 | ug/L | 83 |
| 25) Chloroform | 4.278 | 83 | 9100 | 3.297 | ug/L | 89 |
| 27) 1,2-Dichloroethane | 5.060 | 62 | 3022 | 1.311 | ug/L # | 78 |
| 34) Trichloroethene | 5.831 | 95 | 1276586 | 811.110 | ug/L | 97 |
| 45) 1,1,2-Trichloroethane | 7.773 | 97 | 9958 | 6.798 | ug/L | 98 |
| 46) Tetrachloroethene | 7.905 | 164 | 1649448 | 1428.836 | ug/L | 99 |
| 57) 1,1,2,2-Tetrachloroethane | 10.178 | 83 | 41814 | 17.935 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 10.481 | 105 | 4194 | 0.676 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 10.854 | 105 | 9186 | 1.486 | ug/L | 100 |

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

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