Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
Data File : VW018218.D
Acq On : 22 Feb 2021 12:26
Operator : SY/VA
Sample : VSTD10003
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTD10003

Quant Time: Feb 23 00:37:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 23 00:23:39 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 439246 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 395172 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 202785 | 25.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 500451 | 104.12 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.891 | 69 | 394350 | 106.26 | ug/L | 0.00 |
| 10) 1,1-Dichloroethene-d2 | 4.025 | 63 | 1018442 | 103.70 | ug/L | 0.00 |
| 20) 2-Butanone-d5 | 7.074 | 46 | 216725 | 216.44 | ug/L | 0.00 |
| 24) Chloroform-d | 7.647 | 84 | 1046856 | 103.68 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 507731 | 101.18 | ug/L | 0.00 |
| 29) Benzene-d6 | 8.275 | 84 | 2042194 | 102.83 | ug/L | 0.00 |
| 33) 1,2-Dichloropropane-d6 | 9.274 | 67 | 569523 | 104.37 | ug/L | 0.00 |
| 37) Toluene-d8 | 10.323 | 98 | 1950079 | 101.64 | ug/L | 0.00 |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79 | 277974 | 112.03 | ug/L | 0.00 |
| 39) 2-Hexanone-d5 | 10.920 | 63 | 194268 | 227.21 | ug/L | 0.00 |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 442939 | 101.75 | ug/L | 0.00 |
| 61) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 706971 | 100.17 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.014 | 85 | 568098 | 104.80 | ug/L | 98 |
| 3) Chloromethane | 2.221 | 50 | 443752 | 108.11 | ug/L | 100 |
| 5) Vinyl chloride | 2.367 | 62 | 602019 | 99.97 | ug/L | 99 |
| 6) Bromomethane | 2.782 | 94 | 412841 | 101.39 | ug/L | 98 |
| 8) Chloroethane | 2.928 | 64 | 349321 | 103.19 | ug/L | 96 |
| 9) Trichlorofluoromethane | 3.263 | 101 | 489385 | 111.06 | ug/L | 98 |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.068 | 101 | 580930 | 101.72 | ug/L | 100 |
| 12) 1,1-Dichloroethene | 4.044 | 96 | 582584 | 103.64 | ug/L | 96 |
| 13) Acetone | 4.129 | 43 | 141369 | 191.40 | ug/L | 98 |
| 14) Carbon disulfide | 4.391 | 76 | 1706991 | 98.62 | ug/L | 99 |
| 15) Methyl Acetate | 4.665 | 43 | 190677 | 104.18 | ug/L | 98 |
| 16) Methylene chloride | 4.915 | 84 | 544546 | 92.06 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 5.421 | 73 | 591442 | 101.00 | ug/L | 100 |
| 18) trans-1,2-Dichloroethene | 5.421 | 96 | 606586 | 102.05 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 6.214 | 63 | 946770 | 102.93 | ug/L | 99 |
| 21) 2-Butanone | 7.165 | 43 | 239875 | 211.48 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 7.165 | 96 | 635640 | 105.43 | ug/L | 96 |
| 23) Bromochloromethane | 7.506 | 128 | 294672 | 105.15 | ug/L | 90 |
| 25) Chloroform | 7.677 | 83 | 1013790 | 102.15 | ug/L | 99 |
| 27) 1,2-Dichloroethane | 8.397 | 62 | 608465 | 101.80 | ug/L | 99 |
| 30) Cyclohexane | 7.958 | 56 | 865369 | 103.64 | ug/L | 100 |
| 31) 1,1,1-Trichloroethane | 7.872 | 97 | 830919 | 100.59 | ug/L | 99 |
| 32) Carbon tetrachloride | 8.067 | 117 | 826003 | 101.68 | ug/L | 99 |
| 34) Benzene | 8.323 | 78 | 2187744 | 101.75 | ug/L | 100 |
| 35) Trichloroethene | 9.092 | 95 | 615801 | 102.25 | ug/L | 98 |
| 36) Methylcyclohexane | 9.335 | 83 | 1037212 | 101.30 | ug/L | 99 |
| 40) 1,2-Dichloropropane | 9.366 | 63 | 507903 | 102.70 | ug/L | 100 |
| 41) Bromodichloromethane | 9.640 | 83 | 739284 | 106.06 | ug/L | 99 |
| 42) cis-1,3-Dichloropropene | 10.073 | 75 | 883127 | 111.72 | ug/L | 98 |
| 43) 4-Methyl-2-pentanone | 10.207 | 43 | 541379 | 217.13 | ug/L | 99 |
| 44) Toluene | 10.384 | 91 | 2406792 | 101.02 | ug/L | 99 |
| 45) trans-1,3-Dichloropropene | 10.603 | 75 | 758546 | 111.67 | ug/L | 98 |

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**Instrument :** MSVOA_W
**ClientSampleId :** VSTD10003

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 23 00:23:39 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 46) 1,1,2-Trichloroethane | 10.786 | 97 | 415533 | 103.94 | ug/L | 98 |
| 47) Tetrachloroethene | 10.866 | 164 | 523209 | 98.53 | ug/L | 97 |
| 49) 2-Hexanone | 10.963 | 43 | 365638 | 215.45 | ug/L | 99 |
| 50) Dibromochloromethane | 11.128 | 129 | 545915 | 109.92 | ug/L | 98 |
| 51) 1,2-Dibromoethane | 11.231 | 107 | 417378 | 106.79 | ug/L | 99 |
| 52) Chlorobenzene | 11.658 | 112 | 1617726 | 102.30 | ug/L | 97 |
| 53) Ethylbenzene | 11.731 | 91 | 2731887 | 101.88 | ug/L | 99 |
| 54) m,p-Xylene | 11.841 | 106 | 1082018 | 103.59 | ug/L | 100 |
| 55) o-xylene | 12.164 | 106 | 1028451 | 104.19 | ug/L | 96 |
| 56) Styrene | 12.182 | 104 | 1747815 | 104.97 | ug/L | 99 |
| 57) Isopropylbenzene | 12.463 | 105 | 2777183 | 103.30 | ug/L | 99 |
| 58) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 455307 | 102.67 | ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 12.768 | 75 | 333865 | 101.82 | ug/L | 100 |
| 62) Bromoform | 12.347 | 173 | 332087 | 112.34 | ug/L | 99 |
| 63) 1,3-Dichlorobenzene | 13.499 | 146 | 1280642 | 99.33 | ug/L | 96 |
| 64) 1,4-Dichlorobenzene | 13.579 | 146 | 1265212 | 98.54 | ug/L | 97 |
| 65) 1,2-Dichlorobenzene | 13.865 | 146 | 1135085 | 99.82 | ug/L | 98 |
| 66) 1,2-Dibromo-3-chloropr... | 14.481 | 75 | 77202 | 107.29 | ug/L | 98 |
| 67) 1,3,5-Trichlorobenzene | 14.627 | 180 | 999155 | 100.17 | ug/L | 94 |
| 68) 1,2,4-trichlorobenzene | 15.127 | 180 | 821921 | 102.04 | ug/L | 99 |
| 69) Naphthalene | 15.365 | 128 | 1547248 | 109.66 | ug/L | 100 |
| 70) 1,2,3-Trichlorobenzene | 15.554 | 180 | 727471 | 102.72 | ug/L | 99 |

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

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MSVOA_W
**ClientSampleId :**
VSTD10003

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