Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
Data File : VW023398.D
Acq On : 06 Jun 2022 10:36
Operator : SY/VA
Sample : VSTD10017
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100417

Quant Time: Jun 06 11:13:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 06 11:11:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 467491 | 25.000 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 443352 | 25.000 | ug/L | | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 238934 | 25.000 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 2.355 | 65 | 657532 | 76.685 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 2.885 | 69 | 492129 | 83.753 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 984616 | 79.094 | ug/L | | 0.00 |
| 21) 2-Butanone-d5 | 7.080 | 46 | 244035 | 142.823 | ug/L | | 0.00 |
| 24) Chloroform-d | 7.653 | 84 | 1118020 | 74.817 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 571255 | 72.387 | ug/L | | 0.00 |
| 32) Benzene-d6 | 8.275 | 84 | 2196116 | 75.589 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 621284 | 74.627 | ug/L | | 0.00 |
| 41) Toluene-d8 | 10.323 | 98 | 2213627 | 78.595 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 294393 | 79.045 | ug/L | | 0.00 |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 205616 | 153.842 | ug/L | | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 526546 | 72.634 | ug/L | | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 786855 | 76.019 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.008 | 85 | 215763 | 115.674 | ug/L | | 92 |
| 3) Chloromethane | 2.221 | 50 | 517627 | 87.945 | ug/L | | 99 |
| 5) Vinyl chloride | 2.361 | 62 | 785040 | 86.244 | ug/L | | 100 |
| 6) Bromomethane | 2.776 | 94 | 412248 | 95.870 | ug/L | | 94 |
| 8) Chloroethane | 2.922 | 64 | 401812 | 98.649 | ug/L | | 97 |
| 9) Trichlorofluoromethane | 3.257 | 101 | 374954 | 87.308 | ug/L | | 96 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068 | 101 | 532193 | 85.660 | ug/L | | 96 |
| 12) 1,1-Dichloroethene | 4.038 | 96 | 497288 | 91.565 | ug/L | | 91 |
| 13) Acetone | 4.117 | 43 | 151386 | 144.088 | ug/L | | 99 |
| 14) Carbon disulfide | 4.385 | 76 | 1622306 | 89.922 | ug/L | | 100 |
| 15) Methyl Acetate | 4.666 | 43 | 196756 | 85.393 | ug/L | | 97 |
| 16) Methylene chloride | 4.922 | 84 | 529461 | 78.379 | ug/L | | 98 |
| 17) trans-1,2-Dichloroethene | 5.428 | 96 | 585969 | 92.504 | ug/L | | 97 |
| 18) Methyl tert-butyl Ether | 5.428 | 73 | 852583 | 91.140 | ug/L | | 99 |
| 19) 1,1-Dichloroethane | 6.220 | 63 | 962593 | 89.709 | ug/L | | 98 |
| 20) cis-1,2-Dichloroethene | 7.171 | 96 | 617150 | 92.395 | ug/L | # | 96 |
| 22) 2-Butanone | 7.171 | 43 | 263364 | 166.598 | ug/L | | 99 |
| 23) Bromochloromethane | 7.513 | 128 | 289047 | 91.160 | ug/L | | 93 |
| 25) Chloroform | 7.677 | 83 | 1048255 | 88.940 | ug/L | | 97 |
| 27) 1,2-Dichloroethane | 8.403 | 62 | 660554 | 86.511 | ug/L | | 98 |
| 29) Cyclohexane | 7.958 | 56 | 913248 | 95.168 | ug/L | | 99 |
| 30) 1,1,1-Trichloroethane | 7.872 | 97 | 941658 | 90.761 | ug/L | | 98 |
| 31) Carbon tetrachloride | 8.067 | 117 | 877896 | 90.032 | ug/L | | 100 |
| 33) Benzene | 8.324 | 78 | 2340217 | 90.676 | ug/L | | 100 |
| 34) Trichloroethene | 9.092 | 95 | 629183 | 90.002 | ug/L | | 96 |
| 35) Methylcyclohexane | 9.336 | 83 | 1123078 | 96.997 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 9.372 | 63 | 539708 | 89.135 | ug/L | | 100 |
| 38) Bromodichloromethane | 9.646 | 83 | 791895 | 92.102 | ug/L | | 100 |
| 39) cis-1,3-Dichloropropene | 10.073 | 75 | 937153 | 97.352 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 10.207 | 43 | 618131 | 179.243 | ug/L | | 98 |
| 42) Toluene | 10.390 | 91 | 2711252 | 94.366 | ug/L | | 98 |
| 44) trans-1,3-Dichloropropene | 10.604 | 75 | 828735 | 96.544 | ug/L | | 98 |

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Operator : SY/VA
Sample : VSTD10017
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100417

Quant Time: Jun 06 11:13:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 06 11:11:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 10.787 | 97 | 443680 | 89.203 | ug/L | | 100 |
| 46) Tetrachloroethene | 10.860 | 164 | 524562 | 94.166 | ug/L | | 90 |
| 48) 2-Hexanone | 10.969 | 43 | 423127 | 183.747 | ug/L | | 99 |
| 49) Dibromochloromethane | 11.128 | 129 | 577526 | 94.697 | ug/L | | 99 |
| 50) 1,2-Dibromoethane | 11.232 | 107 | 450309 | 92.540 | ug/L | | 94 |
| 51) Chlorobenzene | 11.658 | 112 | 1784628 | 93.930 | ug/L | | 99 |
| 52) Ethylbenzene | 11.731 | 91 | 3079206 | 97.517 | ug/L | | 100 |
| 53) m,p-Xylene | 11.841 | 106 | 1213760 | 97.033 | ug/L | | 95 |
| 54) o-Xylene | 12.164 | 106 | 1200096 | 100.175 | ug/L | | 99 |
| 55) Styrene | 12.177 | 104 | 2105212 | 103.246 | ug/L | | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 520863 | 88.570 | ug/L | | 94 |
| 59) Bromoform | 12.353 | 173 | 332805 | 94.935 | ug/L | # | 97 |
| 60) Isopropylbenzene | 12.463 | 105 | 3223938 | 97.015 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 12.768 | 75 | 365703 | 83.983 | ug/L | | 100 |
| 62) 1,3,5-Trimethylbenzene | 12.945 | 105 | 2790910 | 102.046 | ug/L | | 98 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 2728801 | 121.783 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 13.499 | 146 | 1439360 | 95.433 | ug/L | | 95 |
| 65) 1,4-Dichlorobenzene | 13.579 | 146 | 1427347 | 92.245 | ug/L | | 98 |
| 67) 1,2-Dichlorobenzene | 13.865 | 146 | 1310138 | 95.513 | ug/L | | 94 |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75 | 81444 | 84.307 | ug/L | | 94 |
| 69) 1,3,5-Trichlorobenzene | 14.627 | 180 | 1012504 | 101.698 | ug/L | | 97 |
| 70) 1,2,4-trichlorobenzene | 15.127 | 180 | 790356 | 100.557 | ug/L | | 98 |
| 71) Naphthalene | 15.359 | 128 | 1555101 | 104.615 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 15.548 | 180 | 695791 | 101.393 | ug/L | | 99 |

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

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**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100417

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
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