Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020402.D
Acq On : 08 Oct 2021 11:32
Operator : SY/VA
Sample : VSTD05079
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTD050479

Quant Time: Oct 08 12:14:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 12:10:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.848 | 114 | 224011 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 205304 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 101907 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 155237 | 50.355 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.879 | 69 | 87661 | 63.722 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 333826 | 52.299 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 7.080 | 46 | 102625 | 122.411 | ug/L | 0.00 |
| 24) Chloroform-d | 7.653 | 84 | 345368 | 52.757 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 195199 | 53.529 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.281 | 84 | 683891 | 54.260 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 217564 | 54.116 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.323 | 98 | 626787 | 54.942 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 94441 | 57.472 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.927 | 63 | 76631 | 132.051 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84 | 162825 | 56.284 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 196914 | 53.803 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.008 | 85 | 84273 | 66.525 | ug/L | 100 |
| 3) Chloromethane | 2.209 | 50 | 143737 | 47.759 | ug/L | 98 |
| 5) Vinyl chloride | 2.355 | 62 | 210702 | 50.911 | ug/L | 98 |
| 6) Bromomethane | 2.770 | 94 | 91201 | 55.163 | ug/L | 94 |
| 8) Chloroethane | 2.916 | 64 | 80333 | 63.225 | ug/L | 100 |
| 9) Trichlorofluoromethane | 3.251 | 101 | 117563 | 53.793 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062 | 101 | 170055 | 50.679 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 4.038 | 96 | 163800 | 51.951 | ug/L | 95 |
| 13) Acetone | 4.129 | 43 | 95520 | 112.747 | ug/L | 100 |
| 14) Carbon disulfide | 4.379 | 76 | 522700 | 50.643 | ug/L | 99 |
| 15) Methyl Acetate | 4.672 | 43 | 87462 | 55.864 | ug/L | 100 |
| 16) Methylene chloride | 4.916 | 84 | 171585 | 41.644 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 5.422 | 96 | 173243 | 52.365 | ug/L | 98 |
| 18) Methyl tert-butyl Ether | 5.428 | 73 | 255275 | 58.086 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 6.220 | 63 | 345493 | 52.129 | ug/L | 100 |
| 20) cis-1,2-Dichloroethene | 7.171 | 96 | 183175 | 53.821 | ug/L | 99 |
| 22) 2-Butanone | 7.177 | 43 | 129397 | 122.443 | ug/L | 98 |
| 23) Bromochloromethane | 7.519 | 128 | 76619 | 52.595 | ug/L | 97 |
| 25) Chloroform | 7.677 | 83 | 330115 | 52.048 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 8.403 | 62 | 226445 | 52.681 | ug/L | 100 |
| 29) Cyclohexane | 7.958 | 56 | 342357 | 55.402 | ug/L | 99 |
| 30) 1,1,1-Trichloroethane | 7.878 | 97 | 261233 | 52.353 | ug/L | 100 |
| 31) Carbon tetrachloride | 8.067 | 117 | 227038 | 52.009 | ug/L | 100 |
| 33) Benzene | 8.323 | 78 | 745994 | 51.632 | ug/L | 100 |
| 34) Trichloroethene | 9.092 | 95 | 185274 | 52.050 | ug/L | 99 |
| 35) Methylcyclohexane | 9.336 | 83 | 338204 | 54.296 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 9.372 | 63 | 192734 | 53.043 | ug/L | 99 |
| 38) Bromodichloromethane | 9.646 | 83 | 235687 | 53.463 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 10.073 | 75 | 291787 | 56.852 | ug/L | 100 |
| 40) 4-Methyl-2-pentanone | 10.213 | 43 | 257023 | 123.870 | ug/L | 100 |
| 42) Toluene | 10.390 | 91 | 785339 | 53.930 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 10.610 | 75 | 255547 | 56.983 | ug/L | 100 |

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Sample : VSTD05079
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTD050479

Quant Time: Oct 08 12:14:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 12:10:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 10.786 | 97 | 125956 | 53.953 | ug/L | 98 |
| 46) Tetrachloroethene | 10.860 | 164 | 133408 | 51.002 | ug/L | 95 |
| 48) 2-Hexanone | 10.969 | 43 | 190744 | 125.688 | ug/L | 97 |
| 49) Dibromochloromethane | 11.128 | 129 | 139906 | 53.784 | ug/L | 98 |
| 50) 1,2-Dibromoethane | 11.238 | 107 | 117771 | 54.829 | ug/L | 97 |
| 51) Chlorobenzene | 11.658 | 112 | 459557 | 51.832 | ug/L | 98 |
| 52) Ethylbenzene | 11.731 | 91 | 864457 | 54.190 | ug/L | 99 |
| 53) m,p-Xylene | 11.841 | 106 | 318343 | 54.133 | ug/L | 97 |
| 54) o-Xylene | 12.164 | 106 | 299976 | 54.434 | ug/L | 96 |
| 55) Styrene | 12.183 | 104 | 527514 | 55.756 | ug/L | 99 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 153625 | 54.787 | ug/L | 99 |
| 59) Bromoform | 12.347 | 173 | 77230 | 55.061 | ug/L | 100 |
| 60) Isopropylbenzene | 12.463 | 105 | 839090 | 54.530 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 12.768 | 75 | 116001 | 54.749 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.945 | 105 | 701150 | 56.373 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 693371 | 55.667 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 13.499 | 146 | 342201 | 52.799 | ug/L | 95 |
| 65) 1,4-Dichlorobenzene | 13.579 | 146 | 336162 | 51.223 | ug/L | 95 |
| 67) 1,2-Dichlorobenzene | 13.871 | 146 | 305115 | 52.531 | ug/L | 98 |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75 | 24745 | 54.652 | ug/L | 99 |
| 69) 1,3,5-Trichlorobenzene | 14.627 | 180 | 234242 | 50.956 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 15.133 | 180 | 192467 | 53.138 | ug/L | 99 |
| 71) Naphthalene | 15.365 | 128 | 382720 | 59.884 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 15.554 | 180 | 168952 | 53.418 | ug/L | 98 |

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

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ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD050479

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
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