Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061024\
Data File : VW029072.D
Acq On : 10 Jun 2024 09:05
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD025497

Quant Time: Jun 11 01:15:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 23:05:54 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 311439 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 286433 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 142399 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 114291 | 23.100 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 92.400% | | | |
| 7) Chloroethane-d5 | 2.905 | 69 | 91712 | 24.139 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 96.560% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 50818 | 23.369 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 93.480% | | | |
| 21) 2-Butanone-d5 | 7.075 | 46 | 53637 | 53.060 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 106.120% | | | |
| 24) Chloroform-d | 7.655 | 84 | 223367 | 25.140 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 100.560% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 116574 | 24.921 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 99.680% | | | |
| 32) Benzene-d6 | 8.276 | 84 | 443818 | 25.245 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 100.960% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.270 | 67 | 133872 | 25.115 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 100.440% | | | |
| 41) Toluene-d8 | 10.325 | 98 | 395898 | 25.235 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 100.960% | | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 50104 | 24.462 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 97.840% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 37340 | 53.084 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 106.160% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 96307 | 26.008 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 104.040% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.849 | 152 | 126618 | 25.057 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 100.240% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.015 | 85 | 71763 | 20.179 | ug/L | 100 |
| 3) Chloromethane | 2.223 | 50 | 91319 | 21.018 | ug/L | 97 |
| 5) Vinyl chloride | 2.375 | 62 | 118708 | 22.572 | ug/L | 98 |
| 6) Bromomethane | 2.796 | 94 | 70298 | 22.309 | ug/L | 97 |
| 8) Chloroethane | 2.936 | 64 | 72322 | 22.771 | ug/L | 99 |
| 9) Trichlorofluoromethane | 3.271 | 101 | 101038 | 23.112 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.082 | 101 | 104013 | 24.113 | ug/L | 94 |
| 12) 1,1-Dichloroethene | 4.052 | 96 | 95555 | 24.273 | ug/L | 84 |
| 13) Acetone | 4.125 | 43 | 68512 | 64.673 | ug/L | 99 |
| 14) Carbon disulfide | 4.393 | 76 | 313233 | 23.502 | ug/L | 99 |
| 15) Methyl Acetate | 4.667 | 43 | 43075 | 24.482 | ug/L | 99 |
| 16) Methylene chloride | 4.923 | 84 | 105089 | 22.483 | ug/L | 96 |
| 17) trans-1,2-Dichloroethene | 5.429 | 96 | 101143 | 23.565 | ug/L | 99 |
| 18) Methyl tert-butyl Ether | 5.429 | 73 | 144541 | 24.150 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 6.222 | 63 | 202065 | 23.946 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 7.173 | 96 | 107989 | 23.999 | ug/L | 95 |
| 22) 2-Butanone | 7.173 | 43 | 72415 | 56.728 | ug/L | 100 |
| 23) Bromochloromethane | 7.514 | 128 | 46405 | 23.625 | ug/L | 98 |
| 25) Chloroform | 7.679 | 83 | 197256 | 24.068 | ug/L | 99 |

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Data File : VW029072.D
Acq On : 10 Jun 2024 09:05
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD025497

Quant Time: Jun 11 01:15:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 23:05:54 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 8.398 | 62 | 131068 | 23.863 | ug/L | | 100 |
| 29) Cyclohexane | 7.959 | 56 | 179862 | 25.256 | ug/L | | 100 |
| 30) 1,1,1-Trichloroethane | 7.874 | 97 | 159367 | 24.013 | ug/L | | 99 |
| 31) Carbon tetrachloride | 8.075 | 117 | 146603 | 24.252 | ug/L | | 97 |
| 33) Benzene | 8.325 | 78 | 441222 | 24.773 | ug/L | | 100 |
| 34) Trichloroethene | 9.093 | 95 | 114126 | 24.374 | ug/L | | 91 |
| 35) Methylcyclohexane | 9.337 | 83 | 196176 | 24.698 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 9.368 | 63 | 113894 | 24.420 | ug/L | | 100 |
| 38) Bromodichloromethane | 9.642 | 83 | 137039 | 24.092 | ug/L | # | 99 |
| 39) cis-1,3-Dichloropropene | 10.069 | 75 | 169065 | 24.943 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 120467 | 50.781 | ug/L | | 99 |
| 42) Toluene | 10.386 | 91 | 463732 | 25.488 | ug/L | | 98 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 135053 | 24.715 | ug/L | | 99 |
| 45) 1,1,2-Trichloroethane | 10.782 | 97 | 75374 | 23.929 | ug/L | | 95 |
| 46) Tetrachloroethene | 10.861 | 164 | 85178 | 23.943 | ug/L | | 88 |
| 48) 2-Hexanone | 10.965 | 43 | 104366 | 58.678 | ug/L | | 99 |
| 49) Dibromochloromethane | 11.130 | 129 | 83243 | 25.021 | ug/L | | 93 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 68521 | 23.830 | ug/L | | 100 |
| 51) Chlorobenzene | 11.654 | 112 | 286041 | 24.474 | ug/L | | 95 |
| 52) Ethylbenzene | 11.727 | 91 | 525181 | 25.405 | ug/L | | 94 |
| 53) m,p-Xylene | 11.837 | 106 | 195122 | 25.483 | ug/L | | 92 |
| 54) o-Xylene | 12.166 | 106 | 180768 | 25.497 | ug/L | | 96 |
| 55) Styrene | 12.178 | 104 | 318293 | 26.040 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 12.709 | 83 | 87353 | 24.566 | ug/L | | 97 |
| 59) Bromoform | 12.349 | 173 | 45338 | 24.760 | ug/L | | 100 |
| 60) Isopropylbenzene | 12.459 | 105 | 510513 | 25.332 | ug/L | | 100 |
| 61) 1,2,3-Trichloropropane | 12.763 | 75 | 63839 | 23.767 | ug/L | | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.940 | 105 | 382036 | 26.064 | ug/L | | 99 |
| 63) 1,2,4-Trimethylbenzene | 13.245 | 105 | 406916 | 26.269 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 13.495 | 146 | 218945 | 25.281 | ug/L | | 97 |
| 65) 1,4-Dichlorobenzene | 13.574 | 146 | 220159 | 24.340 | ug/L | | 92 |
| 67) 1,2-Dichlorobenzene | 13.861 | 146 | 188564 | 24.293 | ug/L | | 94 |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75 | 13227 | 23.103 | ug/L | | 96 |
| 69) 1,3,5-Trichlorobenzene | 14.623 | 180 | 149876 | 25.205 | ug/L | | 97 |
| 70) 1,2,4-trichlorobenzene | 15.123 | 180 | 116787 | 24.233 | ug/L | | 97 |
| 71) Naphthalene | 15.360 | 128 | 211836 | 25.798 | ug/L | | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.549 | 180 | 106259 | 25.806 | ug/L | | 99 |

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

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Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD025497

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Quant Title : SFAM01.0
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