Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
Data File : VU062295.D
Acq On : 12 Dec 2024 18:08
Operator : MD/SY
Sample : P5253-12MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F7J35MSD

Quant Time: Dec 13 00:20:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 13 00:13:55 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 97257 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 93092 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 48600 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 22586 | 3.443 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 68.800% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 18670 | 4.001 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 11273 | 3.612 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.200% | | | |
| 20) 2-Butanone-d5 | 4.624 | 46 | 63787 | 50.736 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.480% | | | |
| 24) Chloroform-d | 5.052 | 84 | 64910 | 4.572 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 33566 | 4.808 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.200% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 110647 | 4.127 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.679 | 67 | 32051 | 4.178 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 83.600% | | | |
| 41) Toluene-d8 | 7.888 | 98 | 102840 | 4.060 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 14387 | 4.261 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.200% | | | |
| 46) 2-Hexanone-d5 | 8.624 | 63 | 49548 | 48.637 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.280% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 28309 | 4.742 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.183 | 152 | 40255 | 4.495 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 89.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.383 | 85 | 41935 | 4.603 | ug/L | 99 |
| 3) Chloromethane | 1.515 | 50 | 34573 | 4.841 | ug/L | 98 |
| 5) Vinyl chloride | 1.599 | 62 | 37100 | 4.990 | ug/L | 96 |
| 6) Bromomethane | 1.853 | 94 | 22274 | 4.494 | ug/L | 94 |
| 8) Chloroethane | 1.930 | 64 | 20655 | 4.960 | ug/L | 97 |
| 9) Trichlorofluoromethane | 2.132 | 101 | 65700 | 5.091 | ug/L | 97 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573 | 101 | 32142 | 4.576 | ug/L | 91 |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 34027 | 5.182 | ug/L | 96 |
| 13) Acetone | 2.640 | 43 | 45643 | 53.320 | ug/L | 94 |
| 14) Carbon disulfide | 2.785 | 76 | 99483 | 4.791 | ug/L | 100 |
| 15) Methyl Acetate | 2.955 | 43 | 10059 | 4.689 | ug/L # | 90 |
| 16) Methylene chloride | 3.036 | 84 | 35911 | 5.210 | ug/L | 93 |
| 17) Methyl tert-butyl Ether | 3.354 | 73 | 84272 | 5.152 | ug/L | 97 |
| 18) trans-1,2-Dichloroethene | 3.345 | 96 | 34278 | 5.081 | ug/L | 91 |
| 19) 1,1-Dichloroethane | 3.856 | 63 | 62539 | 5.057 | ug/L | 99 |
| 21) 2-Butanone | 4.705 | 43 | 67102 | 53.978 | ug/L | 92 |
| 22) cis-1,2-Dichloroethene | 4.653 | 96 | 38770 | 5.127 | ug/L | 95 |
| 23) Bromochloromethane | 4.965 | 128 | 17645 | 5.323 | ug/L # | 82 |
| 25) Chloroform | 5.078 | 83 | 72674 | 5.217 | ug/L | 98 |

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Sample : P5253-12MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F7J35MSD

Quant Time: Dec 13 00:20:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 13 00:13:55 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 5.785 | 62 | 47543 | 5.371 | ug/L | | 98 |
| 29) 1,1,1-Trichloroethane | 5.306 | 97 | 68028 | 5.195 | ug/L | | 94 |
| 30) Cyclohexane | 5.377 | 56 | 46303 | 4.360 | ug/L | | 90 |
| 31) Carbon tetrachloride | 5.515 | 117 | 61037 | 5.083 | ug/L | | 99 |
| 33) Benzene | 5.762 | 78 | 145508 | 5.044 | ug/L | | 100 |
| 34) Trichloroethene | 6.534 | 95 | 49292 | 6.032 | ug/L | | 96 |
| 35) Methylcyclohexane | 6.753 | 83 | 51083 | 4.216 | ug/L | | 96 |
| 37) 1,2-Dichloropropane | 6.782 | 63 | 35841 | 5.102 | ug/L | | 99 |
| 38) Bromodichloromethane | 7.094 | 83 | 52758 | 5.323 | ug/L | | 98 |
| 39) cis-1,3-Dichloropropene | 7.598 | 75 | 54304 | 4.822 | ug/L | | 96 |
| 40) 4-Methyl-2-pentanone | 7.782 | 43 | 172655 | 52.437 | ug/L | # | 93 |
| 42) Toluene | 7.959 | 91 | 160276 | 5.152 | ug/L | | 97 |
| 44) trans-1,3-Dichloropropene | 8.203 | 75 | 46339 | 5.039 | ug/L | | 97 |
| 45) 1,1,2-Trichloroethane | 8.389 | 97 | 28741 | 5.419 | ug/L | | 97 |
| 47) Tetrachloroethene | 8.544 | 164 | 31565 | 5.003 | ug/L | | 96 |
| 48) 2-Hexanone | 8.676 | 43 | 127512 | 52.402 | ug/L | # | 91 |
| 49) Dibromochloromethane | 8.798 | 129 | 33775 | 5.271 | ug/L | | 94 |
| 50) 1,2-Dibromoethane | 8.913 | 107 | 27269 | 5.351 | ug/L | # | 99 |
| 51) Chlorobenzene | 9.438 | 112 | 102547 | 5.145 | ug/L | | 98 |
| 52) Ethylbenzene | 9.560 | 91 | 174249 | 4.996 | ug/L | | 99 |
| 53) m,p-Xylene | 9.685 | 106 | 65686 | 5.101 | ug/L | | 99 |
| 54) o-Xylene | 10.090 | 106 | 66004 | 5.270 | ug/L | | 97 |
| 55) Styrene | 10.106 | 104 | 108569 | 5.259 | ug/L | | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83 | 32729 | 5.302 | ug/L | # | 99 |
| 59) Bromoform | 10.283 | 173 | 20518 | 5.372 | ug/L | | 97 |
| 60) Isopropylbenzene | 10.476 | 105 | 179123 | 5.102 | ug/L | | 100 |
| 61) 1,2,3-Trichloropropane | 10.814 | 75 | 23341 | 5.194 | ug/L | | 95 |
| 62) 1,3,5-Trimethylbenzene | 11.077 | 105 | 146171 | 4.920 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 11.460 | 105 | 145138 | 4.986 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 11.736 | 146 | 81029 | 5.024 | ug/L | | 97 |
| 65) 1,4-Dichlorobenzene | 11.827 | 146 | 80364 | 4.949 | ug/L | | 99 |
| 67) 1,2-Dichlorobenzene | 12.203 | 146 | 77854 | 5.224 | ug/L | | 94 |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75 | 5792 | 5.909 | ug/L | | 85 |
| 69) 1,3,5-Trichlorobenzene | 13.209 | 180 | 58899 | 4.913 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.833 | 180 | 46529 | 4.916 | ug/L | | 98 |
| 71) Naphthalene | 14.080 | 128 | 71581 | 5.036 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.322 | 180 | 40609 | 4.865 | ug/L | | 98 |

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

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