Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025144.D
Acq On : 23 Mar 2022 20:14
Operator : SY/MD
Sample : N2083-08MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EW607MS

Quant Time: Mar 24 01:19:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 125856 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 118573 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 59455 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 39229 | 3.948 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.000% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 34727 | 4.773 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.111 | 63 | 73014 | 4.547 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 91.000% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 93387 | 77.769 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 155.540%# | | | |
| 24) Chloroform-d | 4.352 | 84 | 89655 | 5.440 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 108.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 37555 | 5.451 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.000% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 169380 | 4.924 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 51762 | 5.233 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.600% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 149520 | 4.770 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 16526 | 4.793 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.800% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 78573 | 66.807 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 133.620%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 38027 | 6.535 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 130.800%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 53452 | 5.311 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.130 | 85 | 52906 | 4.758 | ug/L | 99 |
| 3) Chloromethane | 1.243 | 50 | 47070 | 4.488 | ug/L | 98 |
| 5) Vinyl chloride | 1.314 | 62 | 69287 | 6.262 | ug/L | 99 |
| 6) Bromomethane | 1.523 | 94 | 26150 | 3.657 | ug/L | 99 |
| 8) Chloroethane | 1.587 | 64 | 433321 | 64.583 | ug/L | 98 |
| 9) Trichlorofluoromethane | 1.754 | 101 | 76346 | 5.073 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121 | 101 | 44020 | 5.394 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.121 | 96 | 41275 | 5.148 | ug/L | 99 |
| 13) Acetone | 2.188 | 43 | 49952 | 62.199 | ug/L | 80 |
| 14) Carbon disulfide | 2.298 | 76 | 129996 | 4.531 | ug/L | 100 |
| 15) Methyl Acetate | 2.442 | 43 | 11300 | 5.136 | ug/L | 92 |
| 16) Methylene chloride | 2.510 | 84 | 47512 | 4.891 | ug/L | 98 |
| 17) Methyl tert-butyl Ether | 2.770 | 73 | 97676 | 5.593 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.764 | 96 | 54748 | 5.674 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.191 | 63 | 571807 | 34.820 | ug/L | 99 |
| 21) 2-Butanone | 3.979 | 43 | 78750 | 62.128 | ug/L | 82 |
| 22) cis-1,2-Dichloroethene | 3.912 | 96 | 82238 | 8.442 | ug/L | 98 |
| 23) Bromochloromethane | 4.253 | 128 | 20639 | 5.374 | ug/L | 93 |
| 25) Chloroform | 4.378 | 83 | 88785 | 5.193 | ug/L | 100 |

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Misc : 25.0mL/MSVOA_V/WATER
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**Instrument :**
MSVOA_V
**ClientSampleId :**
EW607MS

Quant Time: Mar 24 01:19:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 5.134 | 62 | 43723 | 5.143 | ug/L | 100 |
| 29) 1,1,1-Trichloroethane | 4.609 | 97 | 337303 | 22.307 | ug/L | 99 |
| 30) Cyclohexane | 4.677 | 56 | 72635 | 4.937 | ug/L | 99 |
| 31) Carbon tetrachloride | 4.828 | 117 | 64789 | 4.994 | ug/L | 98 |
| 33) Benzene | 5.101 | 78 | 195509 | 5.069 | ug/L | 100 |
| 34) Trichloroethene | 5.912 | 95 | 144322 | 14.054 | ug/L | 99 |
| 35) Methylcyclohexane | 6.130 | 83 | 90999 | 5.598 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 6.175 | 63 | 46624 | 5.261 | ug/L | 100 |
| 38) Bromodichloromethane | 6.510 | 83 | 57787 | 5.156 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.027 | 75 | 58390 | 4.745 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.227 | 43 | 197954 | 54.280 | ug/L | 98 |
| 42) Toluene | 7.387 | 91 | 210420 | 5.213 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 7.651 | 75 | 46117 | 4.763 | ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 7.838 | 97 | 32116 | 5.426 | ug/L | 96 |
| 47) Tetrachloroethene | 7.976 | 164 | 82680 | 11.445 | ug/L | 99 |
| 48) 2-Hexanone | 8.140 | 43 | 138291 | 53.488 | ug/L | 97 |
| 49) Dibromochloromethane | 8.246 | 129 | 34068 | 5.141 | ug/L | 98 |
| 50) 1,2-Dibromoethane | 8.352 | 107 | 28345 | 5.232 | ug/L | 98 |
| 51) Chlorobenzene | 8.879 | 112 | 131084 | 5.187 | ug/L | 99 |
| 52) Ethylbenzene | 9.011 | 91 | 248059 | 5.810 | ug/L | 100 |
| 53) m,p-xylene | 9.137 | 106 | 86602 | 5.267 | ug/L | 98 |
| 54) o-xylene | 9.542 | 106 | 82663 | 5.257 | ug/L | 94 |
| 55) Styrene | 9.561 | 104 | 140143 | 5.473 | ug/L | 99 |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83 | 35783 | 6.166 | ug/L | 99 |
| 59) Bromoform | 9.731 | 173 | 14624 | 4.567 | ug/L | 99 |
| 60) Isopropylbenzene | 9.931 | 105 | 349244 | 7.789 | ug/L | 100 |
| 61) 1,2,3-Trichloropropane | 10.272 | 75 | 25961 | 5.192 | ug/L | 97 |
| 62) 1,3,5-Trimethylbenzene | 10.538 | 105 | 114199 | 5.613 | ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 10.911 | 105 | 189918 | 5.271 | ug/L | 100 |
| 64) 1,3-Dichlorobenzene | 11.178 | 146 | 101124 | 5.199 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.272 | 146 | 99428 | 5.071 | ug/L | 100 |
| 67) 1,2-Dichlorobenzene | 11.641 | 146 | 115689 | 6.713 | ug/L | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75 | 4873 | 5.685 | ug/L | 96 |
| 69) 1,3,5-Trichlorobenzene | 12.644 | 180 | 72400 | 5.270 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.259 | 180 | 59388 | 5.548 | ug/L | 99 |
| 71) Naphthalene | 13.500 | 128 | 186629 | 10.500 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.741 | 180 | 48198 | 5.314 | ug/L | 96 |

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

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