Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102521\
Data File : VX024913.D
Acq On : 25 Oct 2021 16:25
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD005689

Quant Time: Oct 26 08:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 26 01:24:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 81504 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 73082 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 38037 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.367 | 65 | 10475 | 4.378 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.600% | | | |
| 7) Chloroethane-d5 | 1.672 | 69 | 9612 | 4.458 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 89.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.312 | 63 | 41353 | 4.636 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 92.800% | | | |
| 20) 2-Butanone-d5 | 4.477 | 46 | 47405 | 54.188 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 108.380% | | | |
| 24) Chloroform-d | 5.062 | 84 | 57260 | 4.971 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.958 | 65 | 28619 | 4.546 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.000% | | | |
| 32) Benzene-d6 | 5.982 | 84 | 86190 | 5.062 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.311 | 67 | 26787 | 4.931 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.600% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 83592 | 4.896 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.951 | 79 | 11881 | 4.765 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.200% | | | |
| 46) 2-Hexanone-d5 | 9.384 | 63 | 45844 | 51.084 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 102.160% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 20911 | 5.036 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 30059 | 4.689 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 93.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 44461 | 4.751 | ug/L | 95 |
| 3) Chloromethane | 1.288 | 50 | 14576 | 4.461 | ug/L | 98 |
| 5) Vinyl chloride | 1.373 | 62 | 18898 | 4.734 | ug/L | 96 |
| 6) Bromomethane | 1.617 | 94 | 12715 | 4.082 | ug/L | 95 |
| 8) Chloroethane | 1.690 | 64 | 11795 | 4.921 | ug/L | 90 |
| 9) Trichlorofluoromethane | 1.892 | 101 | 60785 | 5.113 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.337 | 101 | 31240 | 5.010 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.318 | 96 | 26273 | 5.254 | ug/L # | 86 |
| 13) Acetone | 2.404 | 43 | 33936 | 51.716 | ug/L | 98 |
| 14) Carbon disulfide | 2.514 | 76 | 67757 | 4.969 | ug/L | 98 |
| 15) Methyl Acetate | 2.709 | 43 | 7886 | 5.286 | ug/L | 98 |
| 16) Methylene chloride | 2.788 | 84 | 37300 | 6.421 | ug/L | 86 |
| 17) Methyl tert-butyl Ether | 3.117 | 73 | 71023 | 4.942 | ug/L | 98 |
| 18) trans-1,2-Dichloroethene | 3.093 | 96 | 26703 | 4.580 | ug/L | 94 |
| 19) 1,1-Dichloroethane | 3.617 | 63 | 53715 | 5.272 | ug/L | 96 |
| 21) 2-Butanone | 4.580 | 43 | 50213 | 52.027 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 4.489 | 96 | 32044 | 5.130 | ug/L | 91 |
| 23) Bromochloromethane | 4.909 | 128 | 12423 | 4.401 | ug/L | 93 |
| 25) Chloroform | 5.104 | 83 | 68835 | 5.196 | ug/L | 94 |

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Data File : VX024913.D
Acq On : 25 Oct 2021 16:25
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD005689

Quant Time: Oct 26 08:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 26 01:24:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 6.092 | 62 | 39610 | 4.879 | ug/L | # | 95 |
| 29) 1,1,1-Trichloroethane | 5.391 | 97 | 67402 | 5.313 | ug/L | | 99 |
| 30) Cyclohexane | 5.476 | 56 | 41986 | 5.332 | ug/L | | 95 |
| 31) Carbon tetrachloride | 5.684 | 117 | 57615 | 5.278 | ug/L | | 99 |
| 33) Benzene | 6.043 | 78 | 114359 | 5.356 | ug/L | | 100 |
| 34) Trichloroethene | 7.129 | 95 | 36227 | 5.209 | ug/L | | 95 |
| 35) Methylcyclohexane | 7.385 | 83 | 50546 | 5.200 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 7.433 | 63 | 27132 | 5.198 | ug/L | # | 97 |
| 38) Bromodichloromethane | 7.824 | 83 | 46905 | 5.396 | ug/L | | 95 |
| 39) cis-1,3-Dichloropropene | 8.372 | 75 | 45585 | 5.181 | ug/L | | 98 |
| 40) 4-Methyl-2-pentanone | 8.579 | 43 | 122914 | 52.865 | ug/L | | 97 |
| 42) Toluene | 8.720 | 91 | 131638 | 5.271 | ug/L | | 100 |
| 44) trans-1,3-Dichloropropene | 8.982 | 75 | 40848 | 5.124 | ug/L | | 98 |
| 45) 1,1,2-Trichloroethane | 9.153 | 97 | 20969 | 4.994 | ug/L | | 93 |
| 47) Tetrachloroethene | 9.274 | 164 | 24747 | 5.094 | ug/L | | 94 |
| 48) 2-Hexanone | 9.433 | 43 | 87631 | 51.622 | ug/L | | 99 |
| 49) Dibromochloromethane | 9.524 | 129 | 27892 | 5.085 | ug/L | | 95 |
| 50) 1,2-Dibromoethane | 9.616 | 107 | 21602 | 5.136 | ug/L | | 95 |
| 51) Chlorobenzene | 10.085 | 112 | 81588 | 5.146 | ug/L | | 98 |
| 52) Ethylbenzene | 10.195 | 91 | 154781 | 5.252 | ug/L | | 98 |
| 53) m,p-xylene | 10.305 | 106 | 54191 | 5.184 | ug/L | | 100 |
| 54) o-xylene | 10.646 | 106 | 52871 | 5.188 | ug/L | | 92 |
| 55) Styrene | 10.658 | 104 | 89839 | 5.252 | ug/L | | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 23544 | 4.859 | ug/L | | 99 |
| 59) Bromoform | 10.805 | 173 | 11763 | 4.460 | ug/L | # | 94 |
| 60) Isopropylbenzene | 10.963 | 105 | 160026 | 5.281 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 11.244 | 75 | 18885 | 5.088 | ug/L | | 97 |
| 62) 1,3,5-Trimethylbenzene | 11.457 | 105 | 139727 | 5.282 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 11.756 | 105 | 139920 | 5.164 | ug/L | | 96 |
| 64) 1,3-Dichlorobenzene | 11.975 | 146 | 64132 | 5.088 | ug/L | | 95 |
| 65) 1,4-Dichlorobenzene | 12.042 | 146 | 61642 | 4.877 | ug/L | | 96 |
| 67) 1,2-Dichlorobenzene | 12.335 | 146 | 57697 | 4.980 | ug/L | | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75 | 4597 | 5.088 | ug/L | | 91 |
| 69) 1,3,5-Trichlorobenzene | 13.115 | 180 | 46235 | 4.818 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.591 | 180 | 37997 | 5.006 | ug/L | | 97 |
| 71) Naphthalene | 13.780 | 128 | 69041 | 5.049 | ug/L | | 98 |
| 72) 1,2,3-Trichlorobenzene | 13.963 | 180 | 34583 | 5.066 | ug/L | | 96 |

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

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Data File : VX024913.D
Acq On : 25 Oct 2021 16:25
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD005689

Quant Time: Oct 26 08:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
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