Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010421\
Data File : VU041837.D
Acq On : 04 Jan 2021 10:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00507

Quant Time: Jan 05 00:47:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 14:08:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 163509 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 155217 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 80384 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 64920 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 101.60% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 60987 | 6.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 123.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 121859 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 103.60% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 194267 | 52.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.82% | | | |
| 24) Chloroform-d | 5.08 | 84 | 128513 | 5.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 117.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.71 | 65 | 67972 | 5.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.40% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 244843 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 110.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 74877 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.40% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 202838 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.18 | 79 | 30247 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 153600 | 44.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.68% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 62900 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 72637 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.39 | 85 | 69210 | 4.996 | ug/L | 97 |
| 3) Chloromethane | 1.52 | 50 | 80636 | 5.992 | ug/L | 97 |
| 5) Vinyl chloride | 1.61 | 62 | 86420 | 5.815 | ug/L | 99 |
| 6) Bromomethane | 1.86 | 94 | 53549 | 5.764 | ug/L | 100 |
| 8) Chloroethane | 1.94 | 64 | 52457 | 5.197 | ug/L | 98 |
| 9) Trichlorofluoromethane | 2.14 | 101 | 111050 | 5.904 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 61546 | 5.472 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 58837 | 5.305 | ug/L | 93 |
| 13) Acetone | 2.66 | 43 | 108663 | 46.524 | ug/L | 99 |
| 14) Carbon disulfide | 2.80 | 76 | 200334 | 5.226 | ug/L | 100 |
| 15) Methyl Acetate | 2.97 | 43 | 28207 | 4.645 | ug/L | 98 |
| 16) Methylene chloride | 3.06 | 84 | 70170 | 5.297 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 3.38 | 73 | 141335 | 4.776 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 61827 | 5.389 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.88 | 63 | 110930 | 5.173 | ug/L | 98 |
| 21) 2-Butanone | 4.73 | 43 | 167852 | 44.121 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.68 | 96 | 61205 | 4.827 | ug/L | 95 |

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Data File : VU041837.D
Acq On : 04 Jan 2021 10:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00507

Quant Time: Jan 05 00:47:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 14:08:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.99 | 128 | 30068 | 5.162 ug/L | 89 |
| 25) Chloroform | 5.10 | 83 | 117263 | 5.430 ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.81 | 62 | 71943 | 4.920 ug/L | 100 |
| 29) 1,1,1-Trichloroethane | 5.33 | 97 | 96381 | 5.407 ug/L | 98 |
| 30) Cyclohexane | 5.40 | 56 | 92084 | 4.609 ug/L | 97 |
| 31) Carbon tetrachloride | 5.54 | 117 | 87978 | 5.708 ug/L | 100 |
| 33) Benzene | 5.78 | 78 | 247207 | 4.980 ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 60186 | 4.825 ug/L | 98 |
| 35) Methylcyclohexane | 6.77 | 83 | 92085 | 4.567 ug/L | 97 |
| 37) 1,2-Dichloropropane | 6.80 | 63 | 60850 | 4.792 ug/L | 100 |
| 38) Bromodichloromethane | 7.11 | 83 | 79102 | 5.008 ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.61 | 75 | 82169 | 4.367 ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.80 | 43 | 354431 | 39.229 ug/L | 98 |
| 42) Toluene | 7.97 | 91 | 245205 | 4.784 ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 8.21 | 75 | 78157 | 4.645 ug/L | 96 |
| 45) 1,1,2-Trichloroethane | 8.40 | 97 | 42997 | 4.579 ug/L | 94 |
| 47) Tetrachloroethene | 8.56 | 164 | 44257 | 5.068 ug/L | 95 |
| 48) 2-Hexanone | 8.69 | 43 | 264738 | 40.262 ug/L | 99 |
| 49) Dibromochloromethane | 8.81 | 129 | 52050 | 4.826 ug/L | 100 |
| 50) 1,2-Dibromoethane | 8.92 | 107 | 41518 | 4.470 ug/L | 98 |
| 51) Chlorobenzene | 9.45 | 112 | 153058 | 4.804 ug/L | 100 |
| 52) Ethylbenzene | 9.57 | 91 | 249234 | 4.567 ug/L | 99 |
| 53) m,p-Xylene | 9.69 | 106 | 99110 | 4.869 ug/L | 99 |
| 54) o-Xylene | 10.10 | 106 | 94821 | 4.756 ug/L | 97 |
| 55) Styrene | 10.11 | 104 | 162904 | 4.731 ug/L | 98 |
| 56) Isopropylbenzene | 10.48 | 105 | 248123 | 4.676 ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.78 | 83 | 56579 | 4.330 ug/L | 97 |
| 59) 1,2,3-Trichloropropane | 10.82 | 75 | 41329 | 4.334 ug/L | 99 |
| 61) Bromoform | 10.29 | 173 | 30567 | 5.030 ug/L | 100 |
| 62) 1,3-Dichlorobenzene | 11.74 | 146 | 119649 | 4.867 ug/L | 98 |
| 63) 1,4-Dichlorobenzene | 11.83 | 146 | 117670 | 4.760 ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 12.21 | 146 | 112892 | 4.689 ug/L | 99 |
| 66) 1,2-Dibromo-3-chloropropan | 12.99 | 75 | 9487 | 4.202 ug/L | 94 |
| 67) 1,3,5-Trichlorobenzene | 13.21 | 180 | 86063 | 4.612 ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.83 | 180 | 64997 | 4.150 ug/L | 99 |
| 69) Naphthalene | 14.08 | 128 | 99373 | 3.065 ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 14.32 | 180 | 59064 | 3.957 ug/L | 99 |

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

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Data File : VU041837.D
Acq On : 04 Jan 2021 10:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00507

Quant Time: Jan 05 00:47:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 14:08:22 2020
Response via : Initial Calibration