Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
Data File : VX041098.D
Acq On : 16 Apr 2024 12:29
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX041624

Quant Time: Apr 17 02:07:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 113 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.448 | 3.1 | 113 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 44.461 | 11.1 | 103 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 47.043 | 5.9# | 108 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 46.583 | 6.8 | 103 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 45.917 | 8.2 | 105 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 50.182 | -0.4 | 114 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.605 | 4.8 | 110 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.487 | -1.0 | 118 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 55.341 | -10.7 | 119 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 224.656 | 10.1 | 100 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.749 | 2.5# | 113 | 0.00 |
| 13 | T | Acrolein | 250.000 | 225.017 | 10.0 | 99 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.712 | 0.6 | 110 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 238.047 | 4.8 | 103 | 0.00 |
| 16 | T | Acetone | 250.000 | 261.025 | -4.4 | 118 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 47.518 | 5.0 | 114 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 48.474 | 3.1 | 106 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 50.949 | -1.9 | 110 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 46.331 | 7.3 | 108 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.511 | 1.0 | 114 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.844 | -1.7 | 110 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 261.365 | -4.5 | 110 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.162 | 1.7 | 110 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 249.102 | 0.4 | 107 | -0.01 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 52.754 | -5.5 | 117 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.685 | 0.6 | 112 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.151 | -6.3 | 110 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 241.830 | 3.3 | 104 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.810 | 2.4# | 110 | -0.01 |
| 31 | T | Cyclohexane | 50.000 | 49.658 | 0.7 | 117 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 50.284 | -0.6 | 113 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 47.255 | 5.5 | 105 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.481 | 3.0 | 104 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.902 | -1.8 | 115 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 49.529 | 0.9 | 105 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 51.983 | -4.0 | 115 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.786 | -5.6 | 118 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.190 | -0.4 | 110 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 53.222 | -6.4 | 107 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.283 | -0.6 | 109 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 52.021 | -4.0 | 109 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.437 | -0.9 | 115 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 51.683 | -3.4# | 109 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.094 | -2.2 | 109 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.403 | -4.8 | 110 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 53.727 | -7.5 | 108 | 0.00 |

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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX041624

Quant Time: Apr 17 02:07:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 971.307 | 2.9 | 95 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 49.615 | 0.8 | 106 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 252.708 | -1.1 | 103 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.027 | -2.1# | 109 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.485 | -9.0 | 112 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 54.109 | -8.2 | 111 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.808 | -1.6 | 107 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 49.970 | 0.1 | 109 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.838 | -1.7 | 108 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 248.973 | 0.4 | 101 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 255.251 | -2.1 | 104 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 52.569 | -5.1 | 108 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.488 | 1.0 | 106 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 48.836 | 2.3 | 103 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 51.644 | -3.3 | 114 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.040 | 1.9 | 108 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.495 | -7.0 | 110 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.372 | -4.7# | 111 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 104.338 | -4.3 | 109 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.390 | -4.8 | 109 | 0.00 |
| 70 | T | Styrene | 50.000 | 53.065 | -6.1 | 108 | 0.00 |
| 71 | P | Bromoform | 50.000 | 53.625 | -7.2 | 107 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 106 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 54.443 | -8.9 | 111 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 54.791 | -9.6 | 105 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.609 | -1.2 | 103 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.618 | -1.2 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 52.470 | -4.9 | 108 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 55.088 | -10.2 | 111 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.366 | -4.7 | 108 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.048 | -8.1 | 108 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 49.880 | 0.2 | 108 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.144 | -6.3 | 108 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 54.638 | -9.3 | 109 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.221 | -8.4 | 107 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.440 | -8.9 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 54.777 | -9.6 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.033 | -2.1 | 106 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.722 | 2.6 | 106 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.963 | -9.9 | 109 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 55.377 | -10.8 | 111 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.225 | -0.5 | 105 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 50.963 | -1.9 | 97 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.110 | -6.2 | 108 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 53.797 | -7.6 | 109 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 52.542 | -5.1 | 101 | 0.00 |

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MSVOA_X
**ClientSampleId :**
ICVVX041624

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 51.720 | -3.4 | 106 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6