# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
Data File : VX035895.D
Acq On : 30 May 2023 09:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: May 30 16:30:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
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 | 117 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 44.260 | 11.5 | 107 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 42.389 | 15.2 | 104 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 43.517 | 13.0# | 106 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 41.804 | 16.4 | 102 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 42.316 | 15.4 | 99 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 43.638 | 12.7 | 108 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 44.448 | 11.1 | 105 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 44.033 | 11.9 | 108 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 45.741 | 8.5 | 104 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 210.041 | 16.0 | 100 | -0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 43.901 | 12.2# | 107 | 0.00 |
| 13 | T | Acrolein | 250.000 | 212.874 | 14.9 | 114 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 45.477 | 9.0 | 108 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 213.456 | 14.6 | 104 | 0.00 |
| 16 | T | Acetone | 250.000 | 272.541 | -9.0 | 136 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 49.095 | 1.8 | 118 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 42.476 | 15.0 | 102 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 43.977 | 12.0 | 105 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 42.886 | 14.2 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 43.934 | 12.1 | 107 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 43.609 | 12.8 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 229.210 | 8.3 | 105 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 43.690 | 12.6 | 105 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 236.789 | 5.3 | 112 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 49.557 | 0.9 | 118 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 44.224 | 11.6 | 106 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 49.531 | 0.9 | 111 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 213.073 | 14.8 | 102 | -0.01 |
| 30 | C | Chloroform | 50.000 | 44.393 | 11.2# | 106 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 42.755 | 14.5 | 105 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 46.351 | 7.3 | 108 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 47.150 | 5.7 | 114 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 112 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.318 | -0.6 | 115 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 45.071 | 9.9 | 106 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 44.384 | 11.2 | 102 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 49.529 | 0.9 | 113 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 46.637 | 6.7 | 109 | 0.00 |
| 40 | TM | Benzene | 50.000 | 45.017 | 10.0 | 105 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 45.572 | 8.9 | 104 | -0.01 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 45.607 | 8.8 | 105 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 46.215 | 7.6 | 104 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 46.550 | 6.9 | 107 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 44.867 | 10.3# | 105 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.120 | 7.8 | 106 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 50.237 | -0.5 | 111 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 45.008 | 10.0 | 102 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: May 30 16:30:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
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 | 829.099 | 17.1 | 94 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 49.767 | 0.5 | 114 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 226.502 | 9.4 | 102 | 0.00 |
| 52 | CM | Toluene | 50.000 | 45.353 | 9.3# | 104 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 53.324 | -6.6 | 112 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 52.015 | -4.0 | 110 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 46.152 | 7.7 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 47.137 | 5.7 | 105 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 44.777 | 10.4 | 104 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 224.382 | 10.2 | 103 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 236.558 | 5.4 | 106 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 54.214 | -8.4 | 114 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 47.714 | 4.6 | 108 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.604 | -5.2 | 118 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 45.547 | 8.9 | 109 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 45.774 | 8.5 | 106 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.230 | -0.5 | 111 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 46.219 | 7.6# | 106 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 94.156 | 5.8 | 108 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 46.287 | 7.4 | 106 | 0.00 |
| 70 | T | Styrene | 50.000 | 47.756 | 4.5 | 108 | 0.00 |
| 71 | P | Bromoform | 50.000 | 55.034 | -10.1 | 118 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 115 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 44.599 | 10.8 | 106 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 45.249 | 9.5 | 104 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 43.529 | 12.9 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 40.225 | 19.5 | 95 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 45.064 | 9.9 | 108 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 45.953 | 8.1 | 108 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 44.013 | 12.0 | 108 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 45.220 | 9.6 | 108 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 47.725 | 4.5 | 120 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 45.149 | 9.7 | 108 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 45.568 | 8.9 | 109 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 45.325 | 9.3 | 108 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 46.227 | 7.5 | 109 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 46.738 | 6.5 | 110 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 45.478 | 9.0 | 109 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 44.084 | 11.8 | 107 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 48.539 | 2.9 | 112 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 53.581 | -7.2 | 121 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 44.600 | 10.8 | 107 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 48.745 | 2.5 | 108 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.406 | 7.2 | 109 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 47.405 | 5.2 | 115 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 44.997 | 10.0 | 104 | 0.00 |

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**LabSampleId :**
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Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
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 | 44.950 | 10.1 | 106 | 0.00 |

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