Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030288.D
Acq On : 28 Jul 2022 22:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 29 06:01:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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 | 96 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 51.040 | -2.1 | 92 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.084 | 3.8 | 92 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.343 | 1.3# | 95 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 51.792 | -3.6 | 94 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 52.828 | -5.7 | 104 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 50.785 | -1.6 | 98 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 51.657 | -3.3 | 101 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.729 | 0.5 | 99 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 39.397 | 21.2 | 68 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 287.589 | -15.0 | 110 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.777 | -1.6# | 98 | 0.00 |
| 13 | T | Acrolein | 250.000 | 264.141 | -5.7 | 111 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 51.145 | -2.3 | 102 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 275.132 | -10.1 | 104 | 0.00 |
| 16 | T | Acetone | 250.000 | 271.856 | -8.7 | 106 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 44.227 | 11.5 | 87 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 53.857 | -7.7 | 109 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 55.757 | -11.5 | 104 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 55.064 | -10.1 | 98 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.376 | -0.8 | 97 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 56.025 | -12.0 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 280.706 | -12.3 | 101 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.690 | -5.4 | 102 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 277.634 | -11.1 | 104 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 40.203 | 19.6 | 82 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 52.173 | -4.3 | 101 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.769 | -5.5 | 105 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 273.718 | -9.5 | 104 | 0.00 |
| 30 | C | Chloroform | 50.000 | 53.531 | -7.1# | 103 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 51.941 | -3.9 | 99 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.847 | -7.7 | 102 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 53.257 | -6.5 | 100 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 100 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.630 | -1.3 | 99 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.407 | 1.2 | 99 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 50.308 | -0.6 | 102 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.754 | 2.5 | 97 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.031 | 5.9 | 98 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.242 | -0.5 | 100 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 53.167 | -6.3 | 104 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.934 | -1.9 | 102 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.538 | -7.1 | 105 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 47.138 | 5.7 | 99 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 51.165 | -2.3# | 104 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 48.499 | 3.0 | 100 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 50.771 | -1.5 | 101 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.970 | -5.9 | 104 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030288.D
Acq On : 28 Jul 2022 22:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 29 06:01:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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 | 1022.220 | -2.2 | 106 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.144 | -0.3 | 97 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 270.533 | -8.2 | 106 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.740 | -1.5# | 99 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 49.924 | 0.2 | 97 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 49.758 | 0.5 | 98 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.966 | -1.9 | 102 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.657 | -9.3 | 104 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.418 | -2.8 | 104 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 278.347 | -11.3 | 102 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 274.885 | -10.0 | 106 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.820 | -3.6 | 99 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.646 | -1.3 | 101 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 53.312 | -6.6 | 101 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.088 | 1.8 | 98 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.622 | -1.2 | 100 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 52.729 | -5.5 | 100 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.495 | 1.0# | 102 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 104.982 | -5.0 | 99 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.505 | -5.0 | 100 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.473 | -8.9 | 100 | 0.00 |
| 71 | P | Bromoform | 50.000 | 55.125 | -10.3 | 100 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.478 | -1.0 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 55.748 | -11.5 | 107 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.713 | 0.6 | 103 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 52.078 | -4.2 | 107 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.419 | 1.2 | 100 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 51.189 | -2.4 | 101 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.958 | 2.1 | 103 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 50.921 | -1.8 | 101 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 48.376 | 3.2 | 92 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.691 | -1.4 | 101 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 51.038 | -2.1 | 102 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.181 | -2.4 | 99 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.439 | -4.9 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.967 | -5.9 | 104 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.976 | 0.0 | 103 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.464 | 3.1 | 100 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.664 | -9.3 | 105 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 51.891 | -3.8 | 104 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.721 | -1.4 | 103 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 54.995 | -10.0 | 113 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 50.588 | -1.2 | 101 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.744 | 2.5 | 100 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 57.061 | -14.1 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030288.D
Acq On : 28 Jul 2022 22:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 29 06:01:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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 | 51.531 | -3.1 | 103 | 0.00 |

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