Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
Data File : VY005066.D
Acq On : 09 Jun 2021 22:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**LabSampleId :** VSTDCCC050

Quant Time: Jun 10 02:46:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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 | 76 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 44.941 | 10.1 | 71 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 47.672 | 4.7 | 74 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 47.901 | 4.2# | 73 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 46.015 | 8.0 | 72 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 47.876 | 4.2 | 72 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 49.317 | 1.4 | 75 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 52.373 | -4.7 | 79 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 48.896 | 2.2 | 75 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 53.100 | -6.2 | 78 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 222.731 | 10.9 | 69 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.675 | 2.7# | 74 | 0.00 |
| 13 | T | Acrolein | 250.000 | 230.270 | 7.9 | 64 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 47.720 | 4.6 | 71 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 271.243 | -8.5 | 77 | 0.00 |
| 16 | T | Acetone | 250.000 | 251.564 | -0.6 | 76 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.591 | 6.8 | 70 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 53.808 | -7.6 | 80 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.446 | -6.9 | 78 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 56.645 | -13.3 | 83 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.309 | -0.6 | 75 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 52.559 | -5.1 | 78 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 263.105 | -5.2 | 75 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.179 | -2.4 | 77 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 269.323 | -7.7 | 76 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 44.978 | 10.0 | 69 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 51.644 | -3.3 | 79 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 51.211 | -2.4 | 74 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 266.594 | -6.6 | 75 | 0.00 |
| 30 | C | Chloroform | 50.000 | 53.235 | -6.5# | 79 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 45.183 | 9.6 | 72 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 51.833 | -3.7 | 77 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.456 | 1.1 | 72 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 82 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.226 | 3.5 | 71 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 47.405 | 5.2 | 74 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 48.552 | 2.9 | 76 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.676 | -1.4 | 77 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 46.543 | 6.9 | 74 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.135 | -0.3 | 78 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 45.111 | 9.8 | 66 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.792 | -1.6 | 78 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 50.223 | -0.4 | 75 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.668 | -1.3 | 80 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.076 | -0.2# | 80 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.775 | -5.5 | 82 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 51.821 | -3.6 | 82 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.921 | 0.2 | 75 | 0.00 |

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**LabSampleId :** VSTDCCC050

Quant Time: Jun 10 02:46:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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 | 867.853 | 13.2 | 64 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.834 | 2.3 | 74 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 259.090 | -3.6 | 77 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.704 | -3.4# | 80 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 49.982 | 0.0 | 77 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 50.500 | -1.0 | 78 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 53.898 | -7.8 | 83 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.481 | -9.0 | 80 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 53.379 | -6.8 | 83 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 261.247 | -4.5 | 80 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 265.868 | -6.3 | 77 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 55.531 | -11.1 | 85 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.966 | -7.9 | 83 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 47.893 | 4.2 | 75 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 50.833 | -1.7 | 82 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.061 | -0.1 | 82 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 51.735 | -3.5 | 84 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.579 | 0.8# | 80 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 99.179 | 0.8 | 79 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 50.625 | -1.3 | 81 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.429 | -4.9 | 83 | 0.00 |
| 71 | P | Bromoform | 50.000 | 54.833 | -9.7 | 87 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 85 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 47.801 | 4.4 | 80 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 49.298 | 1.4 | 77 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 51.209 | -2.4 | 84 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.035 | -0.1 | 82 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.855 | 0.3 | 81 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 48.600 | 2.8 | 81 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.584 | 2.8 | 80 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 49.024 | 2.0 | 81 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 48.277 | 3.4 | 78 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 48.926 | 2.1 | 81 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 49.904 | 0.2 | 82 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 49.941 | 0.1 | 82 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 48.752 | 2.5 | 82 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 49.170 | 1.7 | 82 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.368 | -0.7 | 84 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.826 | 0.3 | 85 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 48.921 | 2.2 | 82 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 52.439 | -4.9 | 90 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.601 | -3.2 | 86 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.810 | -5.6 | 86 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 51.814 | -3.6 | 85 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 50.773 | -1.5 | 82 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 56.869 | -13.7 | 87 | 0.00 |

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 10 02:46:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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 | 53.884 | -7.8 | 87 | 0.00 |

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