Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
Data File : VD078885.D
Acq On : 08 May 2024 12:50
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**LabSampleId :**
VSTDCCC050

Quant Time: May 09 04:41:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 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 | 104 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 41.135 | 17.7 | 93 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 42.206 | 15.6 | 85 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 44.940 | 10.1# | 92 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 39.610 | 20.8 | 84 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 45.122 | 9.8 | 88 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 53.955 | -7.9 | 118 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 54.563 | -9.1 | 103 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 47.075 | 5.8 | 99 | -0.01 |
| 10 | T | Methyl Iodide | 50.000 | 42.699 | 14.6 | 82 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 223.282 | 10.7 | 82 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 44.063 | 11.9# | 89 | 0.00 |
| 13 | T | Acrolein | 250.000 | 131.245 | 47.5# | 52 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 42.472 | 15.1 | 80 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 229.298 | 8.3 | 84 | 0.00 |
| 16 | T | Acetone | 250.000 | 256.077 | -2.4 | 84 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 41.786 | 16.4 | 82 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 42.007 | 16.0 | 83 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 48.898 | 2.2 | 88 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 44.730 | 10.5 | 85 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 44.834 | 10.3 | 85 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 47.891 | 4.2 | 83 | -0.01 |
| 23 | T | Vinyl Acetate | 250.000 | 243.568 | 2.6 | 84 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 43.764 | 12.5 | 85 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 242.269 | 3.1 | 86 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 45.368 | 9.3 | 89 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 46.202 | 7.6 | 88 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 44.575 | 10.8 | 82 | -0.01 |
| 29 | T | Tetrahydrofuran | 250.000 | 243.596 | 2.6 | 86 | 0.00 |
| 30 | C | Chloroform | 50.000 | 45.005 | 10.0# | 87 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 43.429 | 13.1 | 96 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 47.379 | 5.2 | 94 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 42.786 | 14.4 | 77 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.521 | 3.0 | 81 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.423 | -0.8 | 91 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 53.062 | -6.1 | 96 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.709 | -1.4 | 95 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 51.475 | -3.0 | 99 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.833 | 2.3 | 87 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 55.560 | -11.1 | 108 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.158 | 1.7 | 86 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.136 | -2.3 | 84 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.715 | 0.6 | 90 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 49.455 | 1.1# | 88 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.234 | -2.5 | 90 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.985 | 2.0 | 86 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.762 | 0.5 | 82 | -0.01 |

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Data File : VD078885.D
Acq On : 08 May 2024 12:50
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**LabSampleId :**
VSTDCCC050

Quant Time: May 09 04:41:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 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 | 1099.046 | -9.9 | 84 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.667 | 4.7 | 79 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 267.491 | -7.0 | 88 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.746 | -1.5# | 87 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.469 | -0.9 | 87 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.867 | 2.3 | 85 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 52.527 | -5.1 | 93 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.103 | -8.2 | 87 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.818 | -1.6 | 89 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 234.995 | 6.0 | 79 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 277.982 | -11.2 | 90 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.344 | -2.7 | 89 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.119 | -2.2 | 90 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 47.830 | 4.3 | 77 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 52.523 | -5.0 | 94 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.395 | -0.8 | 88 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 51.405 | -2.8 | 92 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 51.335 | -2.7# | 88 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 105.841 | -5.8 | 89 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.351 | -4.7 | 88 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.176 | -8.4 | 90 | 0.00 |
| 71 | P | Bromoform | 50.000 | 53.046 | -6.1 | 89 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 100 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.502 | -1.0 | 91 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.076 | -2.2 | 89 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 47.690 | 4.6 | 88 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 47.509 | 5.0 | 93 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.688 | 2.6 | 90 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.955 | -1.9 | 92 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.483 | 3.0 | 87 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.954 | -3.9 | 91 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 48.732 | 2.5 | 88 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 49.028 | 1.9 | 87 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.865 | -5.7 | 94 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.832 | -3.7 | 91 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.556 | -5.1 | 98 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.130 | -6.3 | 97 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.733 | -1.5 | 94 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.245 | 1.5 | 92 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 53.209 | -6.4 | 97 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 49.193 | 1.6 | 95 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.416 | -0.8 | 91 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 44.397 | 11.2 | 81 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 54.176 | -8.4 | 97 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 56.710 | -13.4 | 113 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 53.859 | -7.7 | 94 | 0.00 |

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**LabSampleId :**
VSTDCCC050

Quant Time: May 09 04:41:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 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 | 54.056 | -8.1 | 97 | 0.00 |

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