Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
Data File : VD080082.D
Acq On : 19 Nov 2024 14:12
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: Nov 19 17:48:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 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 | 81 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 54.472 | -8.9 | 89 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 85.006 | -70.0# | 147 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 98.283 | -96.6# | 166 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 77.246 | -54.5# | 138 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 90.961 | -81.9# | 171 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 53.737 | -7.5 | 94 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 53.429 | -6.9 | 92 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 51.029 | -2.1 | 89 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 55.078 | -10.2 | 82 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 272.078 | -8.8 | 103 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 53.115 | -6.2# | 91 | 0.00 |
| 13 | T | Acrolein | 250.000 | 235.080 | 6.0 | 81 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 52.023 | -4.0 | 97 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 268.394 | -7.4 | 93 | 0.00 |
| 16 | T | Acetone | 250.000 | 274.875 | -10.0 | 94 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 51.080 | -2.2 | 89 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 53.658 | -7.3 | 101 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 55.276 | -10.6 | 87 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 52.050 | -4.1 | 91 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 53.065 | -6.1 | 85 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 54.606 | -9.2 | 84 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 272.157 | -8.9 | 82 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.072 | -4.1 | 86 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 262.372 | -4.9 | 81 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 51.115 | -2.2 | 85 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 52.312 | -4.6 | 85 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 51.799 | -3.6 | 91 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 271.311 | -8.5 | 83 | 0.00 |
| 30 | C | Chloroform | 50.000 | 52.786 | -5.6# | 87 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.761 | 4.5 | 81 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 51.559 | -3.1 | 86 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 56.770 | -13.5 | 90 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 81 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 57.090 | -14.2 | 91 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 53.338 | -6.7 | 86 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 49.165 | 1.7 | 80 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.784 | -1.6 | 83 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.467 | -0.9 | 79 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.938 | -5.9 | 84 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 58.261 | -16.5 | 96 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.578 | -5.2 | 85 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.672 | -7.3 | 84 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.772 | -1.5 | 83 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 53.419 | -6.8# | 83 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.061 | -6.1 | 87 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.004 | -6.0 | 85 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 54.464 | -8.9 | 85 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
Data File : VD080082.D
Acq On : 19 Nov 2024 14:12
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: Nov 19 17:48:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 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 | 1225.200 | -22.5 | 86 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 59.143 | -18.3 | 90 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 280.167 | -12.1 | 84 | 0.00 |
| 52 | CM | Toluene | 50.000 | 54.396 | -8.8# | 84 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 53.347 | -6.7 | 83 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.319 | -6.6 | 83 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 53.609 | -7.2 | 85 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 56.153 | -12.3 | 84 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 54.042 | -8.1 | 85 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 327.189 | -30.9# | 99 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 288.301 | -15.3 | 84 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 55.011 | -10.0 | 86 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.874 | -5.7 | 84 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 60.106 | -20.2 | 92 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 81 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.860 | 0.3 | 84 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 51.684 | -3.4 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 52.270 | -4.5 | 85 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.889 | -5.8# | 84 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 107.915 | -7.9 | 86 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.742 | -9.5 | 85 | 0.00 |
| 70 | T | Styrene | 50.000 | 55.398 | -10.8 | 85 | 0.00 |
| 71 | P | Bromoform | 50.000 | 52.058 | -4.1 | 84 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 53.245 | -6.5 | 87 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 53.615 | -7.2 | 84 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 52.539 | -5.1 | 89 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.787 | 6.4 | 83 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 53.139 | -6.3 | 88 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 54.197 | -8.4 | 88 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 53.154 | -6.3 | 87 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.258 | -8.5 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 53.865 | -7.7 | 87 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.324 | -6.6 | 88 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 53.621 | -7.2 | 87 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 55.016 | -10.0 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.165 | -8.3 | 88 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.953 | -7.9 | 87 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 53.333 | -6.7 | 89 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 51.662 | -3.3 | 88 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 53.138 | -6.3 | 87 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 51.500 | -3.0 | 89 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 53.003 | -6.0 | 88 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.693 | -5.4 | 89 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.302 | -4.6 | 87 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 50.644 | -1.3 | 85 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 54.236 | -8.5 | 87 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
Data File : VD080082.D
Acq On : 19 Nov 2024 14:12
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: Nov 19 17:48:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 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 | 53.624 | -7.2 | 88 | 0.00 |

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