Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
Data File : VN082752.D
Acq On : 28 Jun 2024 17:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 28 23:15:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.763 | 0.695 | 8.9 | 77 | 0.00 |
| 3 | P | Chloromethane | 0.799 | 0.661 | 17.3 | 80 | 0.00 |
| 4 | C | Vinyl Chloride | 0.847 | 0.795 | 6.1# | 85 | 0.00 |
| 5 | T | Bromomethane | 0.602 | 0.536 | 11.0 | 84 | 0.00 |
| 6 | T | Chloroethane | 0.597 | 0.590 | 1.2 | 91 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.049 | 0.973 | 7.2 | 84 | 0.00 |
| 8 | T | Diethyl Ether | 0.328 | 0.331 | -0.9 | 83 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.599 | 0.564 | 5.8 | 84 | 0.00 |
| 10 | T | Methyl Iodide | 0.549 | 0.587 | -6.9 | 86 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.123 | 0.116 | 5.7 | 84 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 0.558 | 0.517 | 7.3# | 81 | 0.00 |
| 13 | T | Acrolein | 0.075 | 0.081 | -8.0 | 84 | 0.00 |
| 14 | T | Allyl chloride | 0.839 | 0.789 | 6.0 | 83 | 0.00 |
| 15 | T | Acrylonitrile | 0.328 | 0.314 | 4.3 | 83 | 0.00 |
| 16 | T | Acetone | 0.292 | 0.251 | 14.0 | 80 | 0.00 |
| 17 | T | Carbon Disulfide | 1.829 | 1.591 | 13.0 | 81 | 0.00 |
| 18 | T | Methyl Acetate | 0.777 | 0.686 | 11.7 | 82 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.852 | 1.855 | -0.2 | 85 | 0.00 |
| 20 | T | Methylene Chloride | 0.739 | 0.642 | 13.1 | 87 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.603 | 0.570 | 5.5 | 84 | -0.01 |
| 22 | T | Diisopropyl ether | 1.952 | 1.964 | -0.6 | 84 | 0.00 |
| 23 | T | Vinyl Acetate | 1.559 | 1.593 | -2.2 | 85 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.185 | 1.138 | 4.0 | 86 | 0.00 |
| 25 | T | 2-Butanone | 0.446 | 0.427 | 4.3 | 84 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.760 | 0.914 | -20.3 | 105 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.709 | 0.698 | 1.6 | 86 | 0.00 |
| 28 | T | Bromochloromethane | 0.518 | 0.466 | 10.0 | 90 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.288 | 0.283 | 1.7 | 83 | 0.00 |
| 30 | C | Chloroform | 1.263 | 1.187 | 6.0# | 86 | 0.00 |
| 31 | T | Cyclohexane | 1.086 | 0.978 | 9.9 | 84 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.115 | 1.057 | 5.2 | 86 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.771 | 0.763 | 1.0 | 91 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.329 | 0.322 | 2.1 | 89 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.473 | 0.470 | 0.6 | 85 | 0.00 |
| 37 | T | Ethyl Acetate | 0.511 | 0.501 | 2.0 | 83 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.553 | 0.527 | 4.7 | 86 | 0.00 |
| 39 | T | Methylcyclohexane | 0.491 | 0.523 | -6.5 | 88 | 0.00 |
| 40 | TM | Benzene | 1.552 | 1.491 | 3.9 | 86 | 0.00 |
| 41 | T | Methacrylonitrile | 0.264 | 0.254 | 3.8 | 82 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.557 | 0.524 | 5.9 | 88 | 0.00 |
| 43 | T | Isopropyl Acetate | 1.010 | 0.857 | 15.1 | 86 | 0.00 |
| 44 | TM | Trichloroethene | 0.360 | 0.333 | 7.5 | 84 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.376 | 0.361 | 4.0# | 85 | 0.00 |
| 46 | T | Dibromomethane | 0.275 | 0.261 | 5.1 | 87 | 0.00 |
| 47 | T | Bromodichloromethane | 0.560 | 0.549 | 2.0 | 87 | 0.00 |
| 48 | T | Methyl methacrylate | 0.394 | 0.389 | 1.3 | 85 | 0.00 |

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.008 | 0.008 | 0.0 | 84 | 0.00 |
| 50 | S | Toluene-d8 | 1.231 | 1.254 | -1.9 | 91 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.523 | 0.526 | -0.6 | 85 | 0.00 |
| 52 | CM | Toluene | 0.911 | 0.949 | -4.2# | 88 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.530 | 0.558 | -5.3 | 89 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.557 | 0.578 | -3.8 | 89 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.353 | 0.350 | 0.8 | 88 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.532 | 0.572 | -7.5 | 85 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.621 | 0.619 | 0.3 | 88 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.268 | 0.270 | -0.7 | 84 | 0.00 |
| 59 | T | 2-Hexanone | 0.388 | 0.399 | -2.8 | 85 | 0.00 |
| 60 | T | Dibromochloromethane | 0.429 | 0.419 | 2.3 | 85 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.371 | 0.355 | 4.3 | 85 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.423 | 0.438 | -3.5 | 90 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 64 | T | Tetrachloroethene | 0.375 | 0.344 | 8.3 | 83 | 0.00 |
| 65 | PM | Chlorobenzene | 1.122 | 1.083 | 3.5 | 87 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.390 | 0.387 | 0.8 | 88 | 0.00 |
| 67 | C | Ethyl Benzene | 1.851 | 1.923 | -3.9# | 88 | 0.00 |
| 68 | T | m/p-Xylenes | 0.689 | 0.739 | -7.3 | 86 | 0.00 |
| 69 | T | o-Xylene | 0.664 | 0.705 | -6.2 | 87 | 0.00 |
| 70 | T | Styrene | 1.127 | 1.226 | -8.8 | 86 | 0.00 |
| 71 | P | Bromoform | 0.305 | 0.304 | 0.3 | 85 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 73 | T | Isopropylbenzene | 3.647 | 3.645 | 0.1 | 87 | 0.00 |
| 74 | T | N-amyl acetate | 1.628 | 1.631 | -0.2 | 86 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.279 | 1.117 | 12.7 | 88 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.091 | 1.036 | 5.0 | 101 | 0.00 |
| 77 | T | Bromobenzene | 0.906 | 0.855 | 5.6 | 84 | 0.00 |
| 78 | T | n-propylbenzene | 4.306 | 4.396 | -2.1 | 87 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.698 | 2.640 | 2.1 | 88 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.996 | 3.075 | -2.6 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.418 | 0.451 | -7.9 | 84 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.663 | 2.632 | 1.2 | 87 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.521 | 2.597 | -3.0 | 87 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.961 | 3.146 | -6.2 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.532 | 3.758 | -6.4 | 88 | 0.00 |
| 86 | T | p-Isopropyltoluene | 2.830 | 3.085 | -9.0 | 89 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.735 | 1.641 | 5.4 | 88 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.806 | 1.644 | 9.0 | 86 | 0.00 |
| 89 | T | n-Butylbenzene | 2.506 | 2.605 | -4.0 | 93 | 0.00 |
| 90 | T | Hexachloroethane | 0.628 | 0.601 | 4.3 | 94 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.648 | 1.570 | 4.7 | 93 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.241 | 0.239 | 0.8 | 97 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.805 | 0.777 | 3.5 | 84 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.364 | 0.299 | 17.9 | 78 | 0.00 |
| 95 | T | Naphthalene | 2.672 | 2.762 | -3.4 | 83 | 0.00 |

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QLast Update : Fri Jun 28 06:02:21 2024
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|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.858 | 0.790 | 7.9 | 83 | 0.00 |

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