# Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Data File : VU032047.D
Acq On : 16 May 2019 14:18
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VICV11

Quant Time: May 17 07:06:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 02:30:26 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.250 | 0.256 | -2.4 | 99 | 0.00 |
| 3 | T | Chloromethane | 0.240 | 0.228 | 5.0 | 101 | 0.00 |
| 4 | S | Vinyl Chloride-d3 | 0.421 | 0.388 | 7.8 | 93 | 0.00 |
| 5 | T | Vinyl chloride | 0.252 | 0.248 | 1.6 | 100 | 0.00 |
| 6 | T | Bromomethane | 0.145 | 0.149 | -2.8 | 105 | 0.01 |
| 7 | S | Chloroethane-d5 | 0.360 | 0.340 | 5.6 | 96 | 0.00 |
| 8 | T | Chloroethane | 0.156 | 0.141 | 9.6 | 96 | 0.00 |
| 9 | T | Trichlorofluoromethane | 0.310 | 0.305 | 1.6 | 98 | 0.00 |
| 10 | T | 1,1,2-Trichloro-1,2,2-trifl | 0.205 | 0.192 | 6.3 | 95 | 0.00 |
| 11 | S | 1,1-Dichloroethene-d2 | 0.671 | 0.647 | 3.6 | 95 | 0.00 |
| 12 | T | 1,1-Dichloroethene | 0.201 | 0.194 | 3.5 | 98 | 0.00 |
| 13 | T | Acetone | 0.027 | 0.026 | 3.7 | 98 | 0.01 |
| 14 | T | Carbon disulfide | 0.640 | 0.631 | 1.4 | 100 | 0.00 |
| 15 | T | Methyl Acetate | 0.078 | 0.069 | 11.5 | 98 | 0.00 |
| 16 | T | Methylene chloride | 0.240 | 0.213 | 11.2 | 96 | 0.00 |
| 17 | T | Methyl tert-butyl Ether | 0.472 | 0.454 | 3.8 | 98 | 0.00 |
| 18 | T | trans-1,2-Dichloroethene | 0.215 | 0.215 | 0.0 | 100 | 0.00 |
| 19 | T | 1,1-Dichloroethane | 0.341 | 0.343 | -0.6 | 101 | 0.00 |
| 20 | S | 2-Butanone-d5 | 0.083 | 0.082 | 1.2 | 96 | 0.00 |
| 21 | T | 2-Butanone | 0.039 | 0.041 | -5.1 | 101 | 0.00 |
| 22 | T | cis-1,2-Dichloroethene | 0.211 | 0.209 | 0.9 | 99 | 0.00 |
| 23 | T | Bromochloromethane | 0.091 | 0.092 | -1.1 | 103 | 0.00 |
| 24 | S | Chloroform-d | 0.741 | 0.711 | 4.0 | 96 | 0.00 |
| 25 | T | Chloroform | 0.365 | 0.349 | 4.4 | 96 | 0.00 |
| 26 | S | 1,2-Dichloroethane-d4 | 0.382 | 0.360 | 5.8 | 96 | 0.00 |
| 27 | T | 1,2-Dichloroethane | 0.211 | 0.214 | -1.4 | 101 | 0.00 |
| 28 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 29 | T | 1,1,1-Trichloroethane | 0.292 | 0.294 | -0.7 | 100 | 0.00 |
| 30 | T | Cyclohexane | 0.268 | 0.284 | -6.0 | 104 | 0.00 |
| 31 | T | Carbon tetrachloride | 0.248 | 0.256 | -3.2 | 102 | 0.00 |
| 32 | S | Benzene-d6 | 1.526 | 1.529 | -0.2 | 96 | 0.00 |
| 33 | T | Benzene | 0.768 | 0.815 | -6.1 | 101 | 0.00 |
| 34 | T | Trichloroethene | 0.208 | 0.210 | -1.0 | 96 | 0.00 |
| 35 | T | Methylcyclohexane | 0.300 | 0.311 | -3.7 | 101 | 0.00 |
| 36 | S | 1,2-Dichloropropane-d6 | 0.446 | 0.435 | 2.5 | 95 | 0.00 |
| 37 | T | 1,2-Dichloropropane | 0.188 | 0.196 | -4.3 | 104 | 0.00 |
| 38 | T | Bromodichloromethane | 0.240 | 0.244 | -1.7 | 99 | 0.00 |
| 39 | T | cis-1,3-Dichloropropene | 0.260 | 0.270 | -3.8 | 98 | 0.00 |
| 40 | T | 4-Methyl-2-pentanone | 0.087 | 0.095 | -9.2 | 102 | 0.00 |
| 41 | S | Toluene-d8 | 1.344 | 1.401 | -4.2 | 98 | 0.00 |
| 42 | T | Toluene | 0.804 | 0.867 | -7.8 | 100 | 0.00 |
| 43 | S | trans-1,3-Dichloropropene-d | 0.161 | 0.164 | -1.9 | 98 | 0.00 |
| 44 | T | trans-1,3-Dichloropropene | 0.202 | 0.219 | -8.4 | 102 | 0.00 |
| 45 | T | 1,1,2-Trichloroethane | 0.139 | 0.144 | -3.6 | 100 | 0.00 |

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**ClientSampleId :** VICV11

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QLast Update : Fri May 17 02:30:26 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 46 | S | 2-Hexanone-d5 | 0.072 | 0.078 | -8.3 | 97 | 0.00 |
| 47 | T | Tetrachloroethene | 0.156 | 0.172 | -10.3 | 107 | 0.00 |
| 48 | T | 2-Hexanone | 0.067 | 0.077 | -14.9 | 105 | 0.00 |
| 49 | T | Dibromochloromethane | 0.160 | 0.163 | -1.9 | 100 | 0.00 |
| 50 | T | 1,2-Dibromoethane | 0.133 | 0.136 | -2.3 | 98 | 0.00 |
| 51 | T | Chlorobenzene | 0.508 | 0.537 | -5.7 | 103 | 0.00 |
| 52 | T | Ethylbenzene | 0.807 | 0.869 | -7.7 | 102 | 0.00 |
| 53 | T | m,p-Xylene | 0.306 | 0.316 | -3.3 | 99 | 0.00 |
| 54 | T | o-Xylene | 0.295 | 0.316 | -7.1 | 100 | 0.00 |
| 55 | T | Styrene | 0.501 | 0.549 | -9.6 | 100 | 0.00 |
| 56 | T | Isopropylbenzene | 0.755 | 0.809 | -7.2 | 99 | 0.00 |
| 57 | S | 1,1,2,2-Tetrachloroethane-d | 0.364 | 0.356 | 2.2 | 95 | 0.00 |
| 58 | T | 1,1,2,2-Tetrachloroethane | 0.173 | 0.172 | 0.6 | 96 | 0.00 |
| 59 | | 1,2,3-Trichloropropane | 0.119 | 0.121 | -1.7 | 98 | 0.00 |
| 60 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 61 | T | Bromoform | 0.192 | 0.192 | 0.0 | 95 | 0.00 |
| 62 | T | 1,3-Dichlorobenzene | 0.797 | 0.852 | -6.9 | 103 | 0.00 |
| 63 | T | 1,4-Dichlorobenzene | 0.829 | 0.885 | -6.8 | 105 | 0.00 |
| 64 | S | 1,2-Dichlorobenzene-d4 | 1.060 | 1.042 | 1.7 | 96 | 0.00 |
| 65 | T | 1,2-Dichlorobenzene | 0.808 | 0.867 | -7.3 | 103 | 0.00 |
| 66 | T | 1,2-Dibromo-3-chloropropane | 0.053 | 0.060 | -13.2 | 107 | 0.00 |
| 67 | | 1,3,5-Trichlorobenzene | 0.593 | 0.666 | -12.3 | 107 | 0.00 |
| 68 | T | 1,2,4-trichlorobenzene | 0.410 | 0.506 | -23.4 | 114 | 0.00 |
| 69 | | Naphthalene | 0.638 | 0.823 | -29.0 | 126 | 0.00 |
| 70 | T | 1,2,3-Trichlorobenzene | 0.416 | 0.504 | -21.2 | 113 | 0.00 |

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