

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012091.D
 Acq On : 31 Jul 2019 01:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD00556

Quant Time: Jul 31 05:41:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 05:31:06 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 | 97 | 0.00 |
| 2 T | Dichlorodifluoromethane | 0.554 | 0.555 | -0.2 | 93 | 0.00 |
| 3 T | Chloromethane | 0.265 | 0.258 | 2.6 | 92 | 0.00 |
| 4 S | Vinyl Chloride-d3 | 0.235 | 0.206 | 12.3 | 87 | 0.00 |
| 5 T | Vinyl chloride | 0.289 | 0.282 | 2.4 | 93 | 0.00 |
| 6 T | Bromomethane | 0.179 | 0.181 | -1.1 | 91 | 0.00 |
| 7 S | Chloroethane-d5 | 0.183 | 0.167 | 8.7 | 89 | 0.00 |
| 8 T | Chloroethane | 0.161 | 0.161 | 0.0 | 94 | 0.00 |
| 9 T | Trichlorofluoromethane | 0.562 | 0.585 | -4.1 | 95 | 0.00 |
| 10 T | 1,1,2-Trichloro-1,2,2-trifl | 0.239 | 0.242 | -1.3 | 91 | 0.00 |
| 11 S | 1,1-Dichloroethene-d2 | 0.489 | 0.467 | 4.5 | 92 | 0.00 |
| 12 T | 1,1-Dichloroethene | 0.219 | 0.228 | -4.1 | 96 | 0.00 |
| 13 T | Acetone | 0.033 | 0.032 | 3.0 | 89 | 0.00 |
| 14 T | Carbon disulfide | 0.600 | 0.622 | -3.7 | 96 | 0.00 |
| 15 T | Methyl Acetate | 0.075 | 0.060 | 20.0 | 83 | 0.00 |
| 16 T | Methylene chloride | 0.228 | 0.224 | 1.8 | 93 | 0.00 |
| 17 T | Methyl tert-butyl Ether | 0.729 | 0.746 | -2.3 | 92 | 0.00 |
| 18 T | trans-1,2-Dichloroethene | 0.327 | 0.337 | -3.1 | 97 | 0.00 |
| 19 T | 1,1-Dichloroethane | 0.582 | 0.587 | -0.9 | 92 | 0.00 |
| 20 S | 2-Butanone-d5 | 0.065 | 0.062 | 4.6 | 90 | 0.00 |
| 21 T | 2-Butanone | 0.066 | 0.066 | 0.0 | 91 | 0.00 |
| 22 T | cis-1,2-Dichloroethene | 0.351 | 0.360 | -2.6 | 94 | 0.00 |
| 23 T | Bromochloromethane | 0.158 | 0.162 | -2.5 | 95 | 0.00 |
| 24 S | Chloroform-d | 0.628 | 0.601 | 4.3 | 94 | 0.00 |
| 25 T | Chloroform | 0.755 | 0.741 | 1.9 | 95 | 0.00 |
| 26 S | 1,2-Dichloroethane-d4 | 0.354 | 0.348 | 1.7 | 94 | 0.00 |
| 27 T | 1,2-Dichloroethane | 0.416 | 0.433 | -4.1 | 96 | 0.00 |
| 28 I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 94 | 0.00 |
| 29 T | 1,1,1-Trichloroethane | 0.650 | 0.681 | -4.8 | 97 | 0.00 |
| 30 T | Cyclohexane | 0.495 | 0.500 | -1.0 | 92 | 0.00 |
| 31 T | Carbon tetrachloride | 0.583 | 0.608 | -4.3 | 94 | 0.00 |
| 32 S | Benzene-d6 | 1.266 | 1.206 | 4.7 | 91 | 0.00 |
| 33 T | Benzene | 1.325 | 1.371 | -3.5 | 93 | 0.00 |
| 34 T | Trichloroethene | 0.382 | 0.396 | -3.7 | 94 | 0.00 |
| 35 T | Methylcyclohexane | 0.579 | 0.592 | -2.2 | 94 | 0.00 |
| 36 S | 1,2-Dichloropropane-d6 | 0.347 | 0.331 | 4.6 | 91 | 0.00 |
| 37 T | 1,2-Dichloropropane | 0.307 | 0.309 | -0.7 | 97 | 0.00 |
| 38 T | Bromodichloromethane | 0.450 | 0.468 | -4.0 | 96 | 0.00 |
| 39 T | cis-1,3-Dichloropropene | 0.477 | 0.484 | -1.5 | 91 | 0.00 |
| 40 T | 4-Methyl-2-pentanone | 0.167 | 0.172 | -3.0 | 92 | 0.00 |
| 41 S | Toluene-d8 | 1.202 | 1.188 | 1.2 | 91 | 0.00 |
| 42 T | Toluene | 1.449 | 1.547 | -6.8 | 95 | 0.00 |
| 43 S | trans-1,3-Dichloropropene-d | 0.155 | 0.150 | 3.2 | 90 | 0.00 |
| 44 T | trans-1,3-Dichloropropene | 0.385 | 0.395 | -2.6 | 91 | 0.00 |
| 45 T | 1,1,2-Trichloroethane | 0.229 | 0.233 | -1.7 | 92 | 0.00 |

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 Max. RRF Dev : 30% Max. Rel. Area : 200%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 46 S | 2-Hexanone-d5 | 0.053 | 0.052 | 1.9 | 94 | 0.00 |
| 47 T | Tetrachloroethene | 0.348 | 0.361 | -3.7 | 95 | 0.00 |
| 48 T | 2-Hexanone | 0.116 | 0.121 | -4.3 | 94 | 0.00 |
| 49 T | Dibromochloromethane | 0.297 | 0.313 | -5.4 | 94 | 0.00 |
| 50 T | 1,2-Dibromoethane | 0.219 | 0.228 | -4.1 | 95 | 0.00 |
| 51 T | Chlorobenzene | 0.982 | 1.021 | -4.0 | 95 | 0.00 |
| 52 T | Ethylbenzene | 1.669 | 1.761 | -5.5 | 94 | 0.00 |
| 53 T | m,p-xylene | 0.640 | 0.700 | -9.4 | 98 | 0.00 |
| 54 T | o-xylene | 0.614 | 0.653 | -6.4 | 95 | 0.00 |
| 55 T | Styrene | 1.041 | 1.127 | -8.3 | 96 | 0.00 |
| 56 T | Isopropylbenzene | 1.701 | 1.824 | -7.2 | 96 | 0.00 |
| 57 S | 1,1,2,2-Tetrachloroethane-d | 0.263 | 0.252 | 4.2 | 90 | 0.00 |
| 58 T | 1,1,2,2-Tetrachloroethane | 0.252 | 0.255 | -1.2 | 91 | 0.00 |
| 59 | 1,2,3-Trichloropropane | 0.191 | 0.198 | -3.7 | 96 | 0.00 |
| 60 I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 94 | 0.00 |
| 61 T | Bromoform | 0.297 | 0.324 | -9.1 | 100 | 0.00 |
| 62 T | 1,3-Dichlorobenzene | 1.542 | 1.627 | -5.5 | 95 | 0.00 |
| 63 T | 1,4-Dichlorobenzene | 1.574 | 1.630 | -3.6 | 94 | 0.00 |
| 64 S | 1,2-Dichlorobenzene-d4 | 0.920 | 0.897 | 2.5 | 94 | 0.00 |
| 65 T | 1,2-Dichlorobenzene | 1.393 | 1.498 | -7.5 | 97 | 0.00 |
| 66 T | 1,2-Dibromo-3-chloropropane | 0.075 | 0.082 | -9.3 | 90 | 0.00 |
| 67 | 1,3,5-Trichlorobenzene | 1.262 | 1.349 | -6.9 | 96 | 0.00 |
| 68 T | 1,2,4-trichlorobenzene | 1.019 | 1.074 | -5.4 | 96 | 0.00 |
| 69 | Naphthalene | 1.372 | 1.456 | -6.1 | 95 | 0.00 |
| 70 T | 1,2,3-Trichlorobenzene | 0.907 | 0.968 | -6.7 | 96 | 0.00 |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0