

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR101218\  
 Data File : VR026068.D  
 Acq On : 12 Oct 2018 18:52  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 LabSampleId :  
 VSTD00599

Quant Time: Oct 13 02:25:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 13 00:51:09 2018  
 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                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Difluorobenzene         | 5.000  | 5.000  | 0.0   | 85    | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 5.000  | 3.930  | 21.4  | 67    | -0.01    |
| 3 T  | Chloromethane               | 5.000  | 4.633  | 7.3   | 85    | 0.00     |
| 4 S  | Vinyl Chloride-d3           | 5.000  | 4.400  | 12.0  | 74    | 0.00     |
| 5 T  | Vinyl chloride              | 5.000  | 4.848  | 3.0   | 87    | 0.00     |
| 6 T  | Bromomethane                | 5.000  | 4.893  | 2.1   | 89    | 0.00     |
| 7 S  | Chloroethane-d5             | 5.000  | 5.238  | -4.8  | 91    | 0.00     |
| 8 T  | Chloroethane                | 5.000  | 5.425  | -8.5  | 97    | 0.00     |
| 9 T  | Trichlorofluoromethane      | 5.000  | 5.839  | -16.8 | 101   | 0.00     |
| 10 T | 1,1,2-Trichloro-1,2,2-trifl | 5.000  | 5.807  | -16.1 | 99    | 0.00     |
| 11 S | 1,1-Dichloroethene-d2       | 5.000  | 4.558  | 8.8   | 78    | 0.00     |
| 12 T | 1,1-Dichloroethene          | 5.000  | 5.236  | -4.7  | 93    | 0.00     |
| 13 T | Acetone                     | 50.000 | 52.526 | -5.1  | 99    | 0.00     |
| 14 T | Carbon disulfide            | 5.000  | 4.095  | 18.1  | 70    | 0.00     |
| 15 T | Methyl Acetate              | 5.000  | 5.530  | -10.6 | 95    | 0.01     |
| 16 T | Methylene chloride          | 5.000  | 5.285  | -5.7  | 100   | 0.00     |
| 17 T | Methyl tert-butyl Ether     | 5.000  | 4.574  | 8.5   | 81    | 0.00     |
| 18 T | trans-1,2-Dichloroethene    | 5.000  | 4.273  | 14.5  | 75    | 0.00     |
| 19 T | 1,1-Dichloroethane          | 5.000  | 4.430  | 11.4  | 79    | 0.00     |
| 20 S | 2-Butanone-d5               | 50.000 | 55.203 | -10.4 | 90    | 0.00     |
| 21 T | 2-Butanone                  | 50.000 | 46.849 | 6.3   | 82    | 0.00     |
| 22 T | cis-1,2-Dichloroethene      | 5.000  | 4.561  | 8.8   | 82    | 0.00     |
| 23 T | Bromochloromethane          | 5.000  | 4.671  | 6.6   | 83    | 0.00     |
| 24 S | Chloroform-d                | 5.000  | 4.809  | 3.8   | 83    | 0.00     |
| 25 T | Chloroform                  | 5.000  | 4.570  | 8.6   | 82    | 0.00     |
| 26 S | 1,2-Dichloroethane-d4       | 5.000  | 5.104  | -2.1  | 89    | 0.00     |
| 27 T | 1,2-Dichloroethane          | 5.000  | 4.731  | 5.4   | 82    | 0.00     |
| 28 I | Chlorobenzene-d5            | 5.000  | 5.000  | 0.0   | 86    | 0.00     |
| 29 T | 1,1,1-Trichloroethane       | 5.000  | 4.693  | 6.1   | 84    | 0.00     |
| 30 T | Cyclohexane                 | 5.000  | 3.882  | 22.4  | 67    | 0.00     |
| 31 T | Carbon tetrachloride        | 5.000  | 4.872  | 2.6   | 88    | 0.00     |
| 32 S | Benzene-d6                  | 5.000  | 4.026  | 19.5  | 70    | 0.00     |
| 33 T | Benzene                     | 5.000  | 4.358  | 12.8  | 80    | 0.00     |
| 34 T | Trichloroethene             | 5.000  | 4.130  | 17.4  | 77    | 0.00     |
| 35 T | Methylcyclohexane           | 5.000  | 4.191  | 16.2  | 71    | 0.00     |
| 36 S | 1,2-Dichloropropane-d6      | 5.000  | 4.470  | 10.6  | 78    | 0.00     |
| 37 T | 1,2-Dichloropropane         | 5.000  | 4.428  | 11.4  | 79    | 0.00     |
| 38 T | Bromodichloromethane        | 5.000  | 4.630  | 7.4   | 83    | 0.00     |
| 39 T | cis-1,3-Dichloropropene     | 5.000  | 4.727  | 5.5   | 79    | 0.00     |
| 40 T | 4-Methyl-2-pentanone        | 50.000 | 47.726 | 4.5   | 84    | 0.00     |
| 41 S | Toluene-d8                  | 5.000  | 3.864  | 22.7  | 67    | 0.00     |
| 42 T | Toluene                     | 5.000  | 4.555  | 8.9   | 81    | 0.00     |
| 43 S | trans-1,3-Dichloropropene-d | 5.000  | 4.881  | 2.4   | 86    | 0.00     |
| 44 T | trans-1,3-Dichloropropene   | 5.000  | 5.026  | -0.5  | 87    | 0.00     |
| 45 T | 1,1,2-Trichloroethane       | 5.000  | 4.570  | 8.6   | 85    | 0.00     |

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|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 46 S | 2-Hexanone-d5               | 50.000 | 60.542 | -21.1 | 100   | 0.00     |
| 47 T | Tetrachloroethene           | 5.000  | 4.379  | 12.4  | 79    | 0.00     |
| 48 T | 2-Hexanone                  | 50.000 | 50.059 | -0.1  | 88    | 0.00     |
| 49 T | Dibromochloromethane        | 5.000  | 4.824  | 3.5   | 88    | 0.00     |
| 50 T | 1,2-Dibromoethane           | 5.000  | 4.899  | 2.0   | 86    | 0.00     |
| 51 T | Chlorobenzene               | 5.000  | 4.773  | 4.5   | 87    | 0.00     |
| 52 T | Ethylbenzene                | 5.000  | 4.783  | 4.3   | 85    | 0.00     |
| 53 T | m,p-Xylene                  | 5.000  | 4.752  | 5.0   | 84    | 0.00     |
| 54 T | o-Xylene                    | 5.000  | 4.794  | 4.1   | 87    | 0.00     |
| 55 T | Styrene                     | 5.000  | 4.993  | 0.1   | 88    | 0.00     |
| 56 T | Isopropylbenzene            | 5.000  | 4.990  | 0.2   | 88    | 0.00     |
| 57 S | 1,1,2,2-Tetrachloroethane-d | 5.000  | 5.514  | -10.3 | 94    | 0.00     |
| 58 T | 1,1,2,2-Tetrachloroethane   | 5.000  | 4.908  | 1.8   | 89    | 0.00     |
| 59   | 1,2,3-Trichloropropane      | 5.000  | 4.750  | 5.0   | 89    | 0.00     |
| 60 I | 1,4-Dichlorobenzene-d4      | 5.000  | 5.000  | 0.0   | 100   | 0.00     |
| 61 T | Bromoform                   | 5.000  | 4.123  | 17.5  | 84    | 0.00     |
| 62 T | 1,3-Dichlorobenzene         | 5.000  | 4.261  | 14.8  | 87    | 0.00     |
| 63 T | 1,4-Dichlorobenzene         | 5.000  | 4.510  | 9.8   | 94    | 0.00     |
| 64 S | 1,2-Dichlorobenzene-d4      | 5.000  | 4.366  | 12.7  | 84    | 0.00     |
| 65 T | 1,2-Dichlorobenzene         | 5.000  | 4.510  | 9.8   | 94    | 0.00     |
| 66 T | 1,2-Dibromo-3-chloropropane | 5.000  | 3.667  | 26.7  | 98    | 0.00     |
| 67   | 1,3,5-Trichlorobenzene      | 5.000  | 4.446  | 11.1  | 91    | 0.00     |
| 68 T | 1,2,4-trichlorobenzene      | 5.000  | 4.090  | 18.2  | 88    | 0.00     |
| 69   | Naphthalene                 | 5.000  | 3.903  | 21.9  | 77    | 0.00     |
| 70 T | 1,2,3-Trichlorobenzene      | 5.000  | 4.476  | 10.5  | 91    | 0.00     |

(#) = Out of Range

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