

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW053023\  
 Data File : VW026097.D  
 Acq On : 30 May 2023 18:29  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025EC

Quant Time: May 31 02:13:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 31 01:56:06 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 200%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Difluorobenzene         | 25.000 | 25.000 | 0.0   | 100   | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 25.000 | 23.395 | 6.4   | 90    | 0.00     |
| 3 T  | Chloromethane               | 25.000 | 24.460 | 2.2   | 94    | 0.00     |
| 4 S  | Vinyl Chloride-d3           | 25.000 | 23.645 | 5.4   | 83    | 0.00     |
| 5 T  | Vinyl chloride              | 25.000 | 23.069 | 7.7   | 89    | 0.00     |
| 6 T  | Bromomethane                | 25.000 | 23.224 | 7.1   | 100   | 0.00     |
| 7 S  | Chloroethane-d5             | 25.000 | 25.475 | -1.9  | 94    | 0.00     |
| 8 T  | Chloroethane                | 25.000 | 24.844 | 0.6   | 103   | 0.00     |
| 9 T  | Trichlorofluoromethane      | 25.000 | 20.963 | 16.1  | 93    | 0.00     |
| 10 T | 1,1,2-Trichloro-1,2,2-trifl | 25.000 | 22.477 | 10.1  | 93    | 0.00     |
| 11 S | 1,1-Dichloroethene-d2       | 25.000 | 23.438 | 6.2   | 85    | 0.00     |
| 12 T | 1,1-Dichloroethene          | 25.000 | 22.296 | 10.8  | 90    | 0.00     |
| 13 T | Acetone                     | 50.000 | 50.153 | -0.3  | 107   | 0.00     |
| 14 T | Carbon disulfide            | 25.000 | 22.075 | 11.7  | 89    | 0.00     |
| 15 T | Methyl Acetate              | 25.000 | 26.435 | -5.7  | 109   | 0.00     |
| 16 T | Methylene chloride          | 25.000 | 24.095 | 3.6   | 110   | 0.00     |
| 17 T | trans-1,2-Dichloroethene    | 25.000 | 21.823 | 12.7  | 92    | 0.00     |
| 18 T | Methyl tert-butyl Ether     | 25.000 | 23.019 | 7.9   | 95    | 0.00     |
| 19 T | 1,1-Dichloroethane          | 25.000 | 22.202 | 11.2  | 95    | 0.00     |
| 20 T | cis-1,2-Dichloroethene      | 25.000 | 22.690 | 9.2   | 96    | 0.00     |
| 21 S | 2-Butanone-d5               | 50.000 | 55.807 | -11.6 | 106   | 0.00     |
| 22 T | 2-Butanone                  | 50.000 | 54.639 | -9.3  | 113   | 0.00     |
| 23 T | Bromochloromethane          | 25.000 | 22.880 | 8.5   | 98    | 0.00     |
| 24 S | Chloroform-d                | 25.000 | 22.577 | 9.7   | 88    | 0.00     |
| 25 T | Chloroform                  | 25.000 | 22.363 | 10.5  | 95    | 0.00     |
| 26 S | 1,2-Dichloroethane-d4       | 25.000 | 23.182 | 7.3   | 91    | 0.00     |
| 27 T | 1,2-Dichloroethane          | 25.000 | 23.270 | 6.9   | 98    | 0.00     |
| 28 I | Chlorobenzene-d5            | 25.000 | 25.000 | 0.0   | 99    | 0.00     |
| 29 T | Cyclohexane                 | 25.000 | 22.055 | 11.8  | 89    | 0.00     |
| 30 T | 1,1,1-Trichloroethane       | 25.000 | 21.437 | 14.3  | 90    | 0.00     |
| 31 T | Carbon tetrachloride        | 25.000 | 20.708 | 17.2  | 89    | 0.00     |
| 32 S | Benzene-d6                  | 25.000 | 22.818 | 8.7   | 89    | 0.00     |
| 33 T | Benzene                     | 25.000 | 22.374 | 10.5  | 94    | 0.00     |
| 34 T | Trichloroethene             | 25.000 | 21.746 | 13.0  | 93    | 0.00     |
| 35 T | Methylcyclohexane           | 25.000 | 22.117 | 11.5  | 91    | 0.00     |
| 36 S | 1,2-Dichloropropane-d6      | 25.000 | 22.864 | 8.5   | 90    | 0.00     |
| 37 T | 1,2-Dichloropropane         | 25.000 | 22.553 | 9.8   | 97    | 0.00     |
| 38 T | Bromodichloromethane        | 25.000 | 22.560 | 9.8   | 97    | 0.00     |
| 39 T | cis-1,3-Dichloropropene     | 25.000 | 22.920 | 8.3   | 96    | 0.00     |
| 40 T | 4-Methyl-2-pentanone        | 50.000 | 54.847 | -9.7  | 111   | 0.00     |
| 41 S | Toluene-d8                  | 25.000 | 22.660 | 9.4   | 89    | 0.00     |
| 42 T | Toluene                     | 25.000 | 22.586 | 9.7   | 95    | 0.00     |
| 43 S | trans-1,3-Dichloropropene-d | 25.000 | 22.509 | 10.0  | 91    | 0.00     |
| 44 T | trans-1,3-Dichloropropene   | 25.000 | 23.149 | 7.4   | 97    | 0.00     |
| 45 T | 1,1,2-Trichloroethane       | 25.000 | 23.763 | 4.9   | 102   | 0.00     |
| 46 T | Tetrachloroethene           | 25.000 | 20.802 | 16.8  | 89    | 0.00     |
| 47 S | 2-Hexanone-d5               | 50.000 | 55.644 | -11.3 | 105   | 0.00     |
| 48 T | 2-Hexanone                  | 50.000 | 55.340 | -10.7 | 113   | 0.00     |

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 200%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 49 T | Dibromochloromethane        | 25.000 | 23.128 | 7.5  | 101   | 0.00     |
| 50 T | 1,2-Dibromoethane           | 25.000 | 23.536 | 5.9  | 102   | 0.00     |
| 51 T | Chlorobenzene               | 25.000 | 21.903 | 12.4 | 94    | 0.00     |
| 52 T | Ethylbenzene                | 25.000 | 22.207 | 11.2 | 93    | 0.00     |
| 53 T | m,p-Xylene                  | 25.000 | 22.348 | 10.6 | 94    | 0.00     |
| 54 T | o-Xylene                    | 25.000 | 22.403 | 10.4 | 95    | 0.00     |
| 55 T | Styrene                     | 25.000 | 22.985 | 8.1  | 95    | 0.00     |
| 56 S | 1,1,2,2-Tetrachloroethane-d | 25.000 | 24.949 | 0.2  | 101   | 0.00     |
| 57 T | 1,1,2,2-Tetrachloroethane   | 25.000 | 24.518 | 1.9  | 106   | 0.00     |
| 58 I | 1,4-Dichlorobenzene-d4      | 25.000 | 25.000 | 0.0  | 98    | 0.00     |
| 59 T | Bromoform                   | 25.000 | 22.596 | 9.6  | 101   | 0.00     |
| 60   | Isopropylbenzene            | 25.000 | 22.130 | 11.5 | 93    | 0.00     |
| 61   | 1,2,3-Trichloropropane      | 25.000 | 24.653 | 1.4  | 108   | 0.00     |
| 62   | 1,3,5-Trimethylbenzene      | 25.000 | 22.593 | 9.6  | 95    | 0.00     |
| 63   | 1,2,4-Trimethylbenzene      | 25.000 | 22.596 | 9.6  | 94    | 0.00     |
| 64 T | 1,3-Dichlorobenzene         | 25.000 | 22.193 | 11.2 | 97    | 0.00     |
| 65 T | 1,4-Dichlorobenzene         | 25.000 | 21.739 | 13.0 | 96    | 0.00     |
| 66 S | 1,2-Dichlorobenzene-d4      | 25.000 | 22.158 | 11.4 | 89    | 0.00     |
| 67 T | 1,2-Dichlorobenzene         | 25.000 | 21.999 | 12.0 | 97    | 0.00     |
| 68 T | 1,2-Dibromo-3-chloropropane | 25.000 | 22.170 | 11.3 | 100   | 0.00     |
| 69   | 1,3,5-Trichlorobenzene      | 25.000 | 19.135 | 23.5 | 88    | 0.00     |
| 70 T | 1,2,4-trichlorobenzene      | 25.000 | 20.460 | 18.2 | 93    | 0.00     |
| 71   | Naphthalene                 | 25.000 | 23.569 | 5.7  | 106   | 0.00     |
| 72 T | 1,2,3-Trichlorobenzene      | 25.000 | 20.958 | 16.2 | 98    | 0.00     |

(#) = Out of Range

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