

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060624\  
 Data File : VW029028.D  
 Acq On : 06 Jun 2024 11:06  
 Operator : SY/MD  
 Sample : P2696-16DL 2X  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4DF9DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2024  
 Supervised By :Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:23:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 07 00:21:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 330680     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 300089     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 146128     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 111430     | 21.211   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.840%  |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 88916      | 22.042   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.160%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 50652      | 21.937   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 87.760%  |       |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 61541      | 57.337   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 114.680% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 233973     | 24.801   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.200%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 124072     | 24.981   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 99.920%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 440548     | 23.919   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.680%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 136312     | 24.409   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 97.640%  |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 404303     | 24.598   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 98.400%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 53021      | 24.708   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 98.840%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 43799      | 59.433   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 118.860% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 105733     | 27.254   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 109.000% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 129294     | 24.934   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 99.720%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.039          | 96   | 81706m     | 19.548   | ug/L  |          |
| 13) Acetone                   | 4.119          | 43   | 41627      | 37.008   | ug/L  | 99       |
| 16) Methylene chloride        | 4.923          | 84   | 194025     | 39.095   | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 5.423          | 96   | 64637      | 14.183   | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 5.429          | 73   | 135216     | 21.277   | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.216          | 63   | 377762     | 42.162   | ug/L  | 99       |
| 22) 2-Butanone                | 7.167          | 43   | 162790     | 120.106  | ug/L  | 96       |
| 25) Chloroform                | 7.679          | 83   | 378422     | 43.486   | ug/L  | 96       |
| 31) Carbon tetrachloride      | 8.075          | 117  | 49787      | 7.861    | ug/L  | 97       |
| 33) Benzene                   | 8.325          | 78   | 601930     | 32.259   | ug/L  | 100      |
| 34) Trichloroethene           | 9.087          | 95   | 230609     | 47.009   | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 9.368          | 63   | 91325      | 18.690   | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.069         | 75   | 225283     | 31.725   | ug/L  | 94       |
| 40) 4-Methyl-2-pentanone      | 10.209         | 43   | 213066     | 85.728   | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.605         | 75   | 207515     | 36.248   | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 10.782         | 97   | 82123      | 24.885   | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 11.233         | 107  | 72351      | 24.017   | ug/L  | 97       |
| 53) m,p-Xylene                | 11.831         | 106  | 198185     | 24.705   | ug/L  | 83       |
| 54) o-Xylene                  | 12.160         | 106  | 244738     | 32.948   | ug/L  | 93       |

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 QLast Update : Fri Jun 07 00:21:46 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 101283   | 27.187 | ug/L  | 98       |
| 59) Bromoform                 | 12.349 | 173  | 18640    | 9.920  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 115575   | 41.930 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 176279   | 19.835 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 183884   | 19.811 | ug/L  | 86       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 7445     | 12.672 | ug/L  | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 50052    | 10.121 | ug/L  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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