

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103122\  
 Data File : VU051647.D  
 Acq On : 01 Nov 2022 06:38  
 Operator : JC/MD  
 Sample : N5319-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAA0

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022  
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 01 07:31:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 01 02:34:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response  | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|-----------|----------|-------|----------|
| Internal Standards            |        |       |           |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 247567    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 243551    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 129725    | 5.000    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |           |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 69028     | 3.702    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130  | Recovery | =     | 74.000%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 83539     | 4.296    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130  | Recovery | =     | 86.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 26936     | 3.981    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125  | Recovery | =     | 79.600%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 356888    | 52.852   | ug/L  | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130  | Recovery | =     | 105.700% |
| 24) Chloroform-d              | 5.060  | 84    | 184221    | 4.222    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =     | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 102437    | 4.346    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =     | 87.000%  |
| 32) Benzene-d6                | 5.729  | 84    | 361108    | 4.698    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =     | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 126792    | 4.718    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140  | Recovery | =     | 94.400%  |
| 41) Toluene-d8                | 7.896  | 98    | 282886    | 4.680    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =     | 93.600%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 30562     | 3.719    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130  | Recovery | =     | 74.400%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 279977    | 56.598   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130  | Recovery | =     | 113.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 124985    | 5.075    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120  | Recovery | =     | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 111582    | 4.686    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120  | Recovery | =     | 93.800%  |
| Target Compounds              |        |       |           |          |       |          |
| 8) Chloroethane               | 1.932  | 64    | 137811    | 6.942    | ug/L  | 94       |
| 13) Acetone                   | 2.649  | 43    | 18764     | 5.477    | ug/L  | 93       |
| 14) Carbon disulfide          | 2.790  | 76    | 21564     | 0.311    | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96    | 8352      | 0.362    | ug/L  | 91       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 5233      | 0.123    | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 26762     | 1.047    | ug/L  | 98       |
| 30) Cyclohexane               | 5.385  | 56    | 250053    | 8.212    | ug/L  | 99       |
| 33) Benzene                   | 5.758  | 78    | 26753972m | 278.363  | ug/L  |          |
| 35) Methylcyclohexane         | 6.761  | 83    | 247737    | 7.725    | ug/L  | 97       |
| 42) Toluene                   | 7.967  | 91    | 1249249   | 12.656   | ug/L  | 100      |
| 51) Chlorobenzene             | 9.439  | 112   | 17896046m | 288.068  | ug/L  |          |
| 52) Ethylbenzene              | 9.568  | 91    | 3783732   | 39.728   | ug/L  | 99       |
| 53) m,p-Xylene                | 9.690  | 106   | 7903536   | 213.650  | ug/L  | 80       |
| 54) o-Xylene                  | 10.099 | 106   | 2552054   | 70.590   | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.481 | 105   | 2952305   | 31.175   | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.086 | 105   | 579637    | 22.735   | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.465 | 105   | 2418726   | 32.902   | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146   | 104927    | 2.226    | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146   | 466212    | 9.862    | ug/L  | 98       |

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|-------------------------|--------|-------|----------|-------|-------|----------|
| -----                   | -----  | ----- | -----    | ----- | ----- | -----    |
| 67) 1,2-Dichlorobenzene | 12.208 | 146   | 214643   | 4.674 | ug/L  | 99       |
| -----                   | -----  | ----- | -----    | ----- | ----- | -----    |

11/03/2022  
 Supervised By :Mahesh  
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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