

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102022\  
 Data File : VW028646.D  
 Acq On : 20 Oct 2022 19:48  
 Operator : SY/MD  
 Sample : N5216-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHA85

Quant Time: Oct 21 01:13:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 21 00:53:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.612     | 114            | 166007   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847     | 117            | 158709   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242    | 152            | 77266    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65             | 85863    | 5.224      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 104.400% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 70371    | 5.447      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 109.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105     | 63             | 121616   | 4.258      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 85.200%  |        |          |
| 20) 2-Butanone-d5             | 3.908     | 46             | 106374   | 34.387     | ug/L   | -0.05    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 68.780%  |        |          |
| 24) Chloroform-d              | 4.342     | 84             | 119414   | 4.898      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 98.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.031     | 65             | 60311    | 4.568      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 91.400%  |        |          |
| 32) Benzene-d6                | 5.047     | 84             | 252493   | 3.657      | ug/L   | 0.02     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 73.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066     | 67             | 82328    | 3.802      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 76.000%  |        |          |
| 41) Toluene-d8                | 7.310     | 98             | 211431   | 4.233      | ug/L   | 0.01     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 84.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.619     | 79             | 19419    | 3.694      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 73.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 112526   | 51.558     | ug/L   | -0.02    |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 103.120% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210    | 84             | 51159    | 5.002      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 100.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615    | 152            | 68853    | 4.958      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 99.200%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 8) Chloroethane               | 1.584     | 64             | 18325    | 1.750      | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 2.764     | 73             | 27370    | 0.934      | ug/L # | 81       |
| 30) Cyclohexane               | 4.670     | 56             | 15268    | 0.510      | ug/L   | 89       |
| 33) Benzene                   | 5.092     | 78             | 5038375  | 67.671     | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.127     | 83             | 12253    | 0.454      | ug/L   | 95       |
| 42) Toluene                   | 7.384     | 91             | 42083    | 0.683      | ug/L   | 99       |
| 51) Chlorobenzene             | 8.873     | 112            | 2714818  | 75.312     | ug/L   | 98       |
| 52) Ethylbenzene              | 9.008     | 91             | 25150    | 0.395      | ug/L   | 98       |
| 53) m,p-Xylene                | 9.133     | 106            | 46898    | 2.014      | ug/L   | 97       |
| 54) o-Xylene                  | 9.535     | 106            | 95620    | 4.139      | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.924     | 105            | 502080   | 7.775      | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.532    | 105            | 35082    | 1.891      | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.908    | 105            | 32655    | 0.654      | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.181    | 146            | 4797     | 0.188      | ug/L   | 91       |
| 65) 1,4-Dichlorobenzene       | 11.265    | 146            | 46092    | 1.786      | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.635    | 146            | 25843    | 1.087      | ug/L   | 98       |
| -----                         |           |                |          |            |        |          |

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