

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080522\  
 Data File : VV027229.D  
 Acq On : 05 Aug 2022 16:57  
 Operator : SY/MD  
 Sample : N4021-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5D68

Quant Time: Aug 06 04:01:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc        | Units | Dev(Min) |
|-------------------------------|-----------|-------|----------|-------------|-------|----------|
| -----                         |           |       |          |             |       |          |
| Internal Standards            |           |       |          |             |       |          |
| 1) 1,4-Difluorobenzene        | 5.613     | 114   | 312843   | 50.000      | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 8.850     | 117   | 313288   | 50.000      | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152   | 120827   | 50.000      | ug/L  | 0.00     |
| System Monitoring Compounds   |           |       |          |             |       |          |
| 4) Vinyl Chloride-d3          | 1.301     | 65    | 156399   | 73.327      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | = 146.660%# |       |          |
| 7) Chloroethane-d5            | 1.558     | 69    | 118513   | 76.006      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | = 152.020%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.102     | 63    | 198319   | 50.833      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 101.660%  |       |          |
| 21) 2-Butanone-d5             | 3.873     | 46    | 205887   | 108.445     | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | = 108.440%  |       |          |
| 24) Chloroform-d              | 4.343     | 84    | 256461   | 58.700      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 117.400%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027     | 65    | 175527   | 64.708      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 129.420%# |       |          |
| 32) Benzene-d6                | 5.044     | 84    | 538921   | 71.733      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 143.460%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.066     | 67    | 178728   | 66.878      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | = 133.760%# |       |          |
| 41) Toluene-d8                | 7.314     | 98    | 429615   | 67.088      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 134.180%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.619     | 79    | 71651    | 61.510      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 123.020%  |       |          |
| 47) 2-Hexanone-d5             | 8.085     | 63    | 127611   | 99.142      | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | = 99.140%   |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214    | 84    | 232369   | 53.355      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | = 106.720%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152   | 149542   | 71.669      | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 143.340%# |       |          |
| Target Compounds              |           |       |          |             |       |          |
| 5) Vinyl chloride             | 1.307     | 62    | 267620   | 84.497      | ug/L  | 99       |
| 13) Acetone                   | 2.159     | 43    | 5995     | 4.095       | ug/L  | 81       |
| 17) trans-1,2-Dichloroethene  | 2.754     | 96    | 21983    | 9.164       | ug/L  | 89       |
| 20) cis-1,2-Dichloroethene    | 3.902     | 96    | 2278395  | 914.314     | ug/L  | 85       |
| 34) Trichloroethene           | 5.915     | 95    | 25092    | 9.734       | ug/L  | 95       |
| -----                         |           |       |          |             |       |          |

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

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