

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072924\  
 Data File : VX042703.D  
 Acq On : 29 Jul 2024 20:07  
 Operator : JC/MD  
 Sample : P3388-01 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E20Q9

Quant Time: Jul 30 05:28:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 30 02:11:54 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 177591   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 161317   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 62628    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 28740    | 26.638   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 53.280%# |
| 7) Chloroethane-d5            | 1.642   | 69    | 14906    | 33.527   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 67.060%# |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 16068    | 30.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.460%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 76398    | 95.538   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 95.540%  |
| 24) Chloroform-d              | 5.056   | 84    | 91032    | 38.547   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.100%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 63738    | 41.835   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.660%  |
| 32) Benzene-d6                | 5.970   | 84    | 170213   | 38.019   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 76.040%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 54366    | 41.030   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 82.060%  |
| 41) Toluene-d8                | 8.647   | 98    | 144680   | 36.042   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 72.080%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 21274    | 34.309   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.620%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 52977    | 89.424   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 86185    | 45.175   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.340%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 53539    | 45.234   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.460%  |
| Target Compounds              |         |       |          |          |        |          |
| 5) Vinyl chloride             | 1.374   | 62    | 5054     | 4.098    | ug/L   | 84       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 1432     | 1.215    | ug/L # | 81       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 17224    | 12.799   | ug/L   | 96       |
| 34) Trichloroethene           | 7.123   | 95    | 72763    | 55.168   | ug/L   | 97       |

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

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