

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092524\  
 Data File : VV037514.D  
 Acq On : 25 Sep 2024 11:28  
 Operator : SY/MD  
 Sample : P4109-18ME  
 Misc : 4.86G/5.0mL/100uL/5mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4EW0ME

Quant Time: Sep 26 04:10:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 26 04:08:51 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|-----------|----------|
| -----                         |         |                |          |         |           |          |
| Internal Standards            |         |                |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 5.526   | 114            | 730772   | 50.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.780   | 117            | 701710   | 50.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178  | 152            | 353005   | 50.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |         |                |          |         |           |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65             | 299057   | 44.737  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 89.480%   |          |
| 7) Chloroethane-d5            | 1.510   | 69             | 163571   | 31.660  | ug/L      | -0.02    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 63.320%#  |          |
| 11) 1,1-Dichloroethene-d2     | 2.047   | 65             | 138423   | 49.267  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 98.540%   |          |
| 21) 2-Butanone-d5             | 3.799   | 46             | 220235   | 85.076  | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 85.080%   |          |
| 24) Chloroform-d              | 4.240   | 84             | 597696   | 57.129  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 114.260%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.934   | 65             | 371174   | 56.336  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 112.680%  |          |
| 32) Benzene-d6                | 4.947   | 84             | 1213838  | 57.272  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 114.540%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.982   | 67             | 389823   | 58.723  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 117.440%  |          |
| 41) Toluene-d8                | 7.236   | 98             | 1078666  | 56.392  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 112.780%  |          |
| 43) trans-1,3-Dichloroprop... | 7.548   | 79             | 178167   | 58.012  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 116.020%  |          |
| 47) 2-Hexanone-d5             | 8.027   | 63             | 201710   | 111.336 | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 111.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84             | 447200   | 55.545  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 111.100%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554  | 152            | 432145   | 61.124  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 122.240%# |          |

Target Compounds Qvalue

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

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