

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111524\  
 Data File : VX043875.D  
 Acq On : 15 Nov 2024 14:54  
 Operator : JC/MD  
 Sample : P4785-18DL 4X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E27N9DL

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/17/2024  
 Supervised By : Mahesh Dadoda 11/19/2024

Quant Time: Nov 16 00:12:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 15 03:21:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 229781     | 50.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 197991     | 50.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 86511      | 50.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 61102      | 42.825    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 85.660%   |       |          |
| 7) Chloroethane-d5            | 1.642          | 69   | 47865      | 49.787    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 99.580%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.294          | 65   | 30416      | 47.248    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 94.500%   |       |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 80411m     | 105.981   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 105.980%  |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 142175     | 46.835    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.680%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 98546      | 50.834    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.660%  |       |          |
| 32) Benzene-d6                | 5.970          | 84   | 276622     | 50.217    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.440%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 77089      | 49.138    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 98.280%   |       |          |
| 41) Toluene-d8                | 8.646          | 98   | 252476     | 48.473    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.940%   |       |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 37837      | 47.856    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 95.720%   |       |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 61334      | 106.132   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 106.130%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 108624     | 50.319    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 100.640%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 141061     | 78.161    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 156.320%# |       |          |

Target Compounds Qvalue

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

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