

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061322\  
 Data File : VX029447.D  
 Acq On : 14 Jun 2022 05:00  
 Operator : JC/MD  
 Sample : N3249-16DL 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EXYX4DL

Quant Time: Jun 14 06:46:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 14 06:26:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 357173     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 312370     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 141340     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 106077     | 38.358   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 76.720%  |       |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 85884      | 49.973   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 99.940%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 63   | 145518     | 29.205   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.420%# |       |          |
| 21) 2-Butanone-d5             | 4.465          | 46   | 216093     | 103.061  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.060% |       |          |
| 24) Chloroform-d              | 5.062          | 84   | 230989     | 43.748   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.500%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 154243     | 45.183   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.360%  |       |          |
| 32) Benzene-d6                | 5.977          | 84   | 453936     | 46.524   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.040%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 140911     | 49.308   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 98.620%  |       |          |
| 41) Toluene-d8                | 8.653          | 98   | 386716     | 42.040   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 84.080%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 56716      | 40.248   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.500%  |       |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 162459     | 105.103  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 105.100% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 210019     | 50.119   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 100.240% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 138919     | 47.275   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.560%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.374          | 62   | 24083      | 7.741    | ug/L  | 85       |
| 19) 1,1-Dichloroethane        | 3.617          | 63   | 96257      | 21.011   | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 97027      | 33.098   | ug/L  | 98       |
| 34) Trichloroethene           | 7.129          | 95   | 11736      | 3.260    | ug/L  | 95       |
| 63) 1,2,4-Trimethylbenzene    | 11.756         | 105  | 11202      | 1.197    | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

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

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