

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111524\  
 Data File : VN084875.D  
 Acq On : 15 Nov 2024 17:36  
 Operator : JC\MD  
 Sample : P4853-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE(NOV)

Quant Time: Nov 15 22:27:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N103124W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 01 02:38:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 7.806  | 128   | 23575    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 122982   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 114966   | 30.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.577  | 65    | 58387    | 30.806   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 102.700% |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 52268    | 26.404   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 88.000%  |
| 63) Toluene-d8              | 10.565 | 98    | 153284   | 28.164   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 93.867%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) Methyl Acetate          | 5.030  | 43    | 18868    | 8.810    | ug/l   | 96       |
| 15) Acetone                 | 4.424  | 58    | 111564   | 619.747  | ug/l   | 91       |
| 25) Chloroform              | 7.959  | 83    | 3990     | 1.382    | ug/l   | 92       |
| 30) 2-Butanone              | 7.482  | 43    | 38351    | 44.883   | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone    | 10.441 | 43    | 14219    | 7.840    | ug/l   | 97       |
| 62) Toluene                 | 10.629 | 91    | 1364653  | 208.406  | ug/l   | 98       |
| 66) Ethyl Benzene           | 11.959 | 91    | 1924     | 0.280    | ug/l   | 96       |
| 67) m/p-Xylenes             | 12.070 | 106   | 2075     | 0.788    | ug/l   | 100      |
| 68) o-Xylene                | 12.400 | 106   | 759      | 0.299    | ug/l   | 74       |
| 80) 1,2,4-Trimethylbenzene  | 13.482 | 105   | 4816     | 0.885    | ug/l   | 79       |
| 82) p-Isopropyltoluene      | 13.729 | 119   | 19225    | 3.722    | ug/l   | 93       |
| 91) Naphthalene             | 15.635 | 128   | 3007     | 0.652    | ug/l # | 89       |
| -----                       |        |       |          |          |        |          |

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

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