

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102925\  
 Data File : VN088154.D  
 Acq On : 29 Oct 2025 13:03  
 Operator : JC\MD  
 Sample : Q3468-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-06

Quant Time: Oct 30 04:05:07 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 25 00:15:22 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2025  
 Supervised By :Mahesh Dadoda 11/03/2025

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.206          | 168  | 239807              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.082          | 114  | 555035              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.847         | 117  | 540568              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.770         | 152  | 270083              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.559          | 65   | 249897              | 60.263 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 120.520% |        |        |          |
| 35) Dibromofluoromethane    | 8.153          | 113  | 182386              | 48.913 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 97.820%  |        |        |          |
| 50) Toluene-d8              | 10.547         | 98   | 674436              | 46.942 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 93.880%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.829         | 95   | 278818              | 54.950 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 109.900% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 27) cis-1,2-Dichloroethene  | 7.477          | 96   | 1363                | 0.358  | ug/l   | 60       |
| 31) Cyclohexane             | 8.206          | 56   | 24066m              | 4.146  | ug/l   |          |
| 39) Methylcyclohexane       | 9.577          | 83   | 27550               | 3.937  | ug/l # | 85       |
| 40) Benzene                 | 8.588          | 78   | 105170              | 6.343  | ug/l   | 99       |
| 52) Toluene                 | 10.618         | 92   | 11927               | 1.167  | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.941         | 91   | 104057              | 4.830  | ug/l   | 97       |
| 68) m/p-Xylenes             | 12.059         | 106  | 39145               | 4.849  | ug/l   | 96       |
| 69) o-Xylene                | 12.376         | 106  | 28759               | 3.758  | ug/l   | 96       |
| 73) Isopropylbenzene        | 12.671         | 105  | 419665              | 20.146 | ug/l   | 99       |
| 78) n-propylbenzene         | 13.012         | 91   | 1189938             | 46.810 | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.153         | 105  | 15026m              | 0.869  | ug/l   |          |
| 83) tert-Butylbenzene       | 13.412         | 119  | 7116                | 0.460  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.459         | 105  | 98069               | 5.666  | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.594         | 105  | 91716               | 4.039  | ug/l # | 60       |
| 89) n-Butylbenzene          | 14.035         | 91   | 80547               | 4.464  | ug/l # | 71       |
| 95) Naphthalene             | 15.611         | 128  | 869407              | 48.479 | ug/l   | 100      |
| -----                       |                |      |                     |        |        |          |

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

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