

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050925\  
 Data File : VN086563.D  
 Acq On : 09 May 2025 15:31  
 Operator : JC\MD  
 Sample : Q1980-04DL 40X  
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 3848DL

Quant Time: May 09 23:29:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 16 04:19:23 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 8.224  | 168   | 237391   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 433960   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.859 | 117   | 418243   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 187811   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 154233   | 44.804   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 89.600%   |
| 35) Dibromofluoromethane    | 8.165  | 113   | 127806   | 63.457   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 126.920%# |
| 50) Toluene-d8              | 10.565 | 98    | 549502   | 51.049   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 102.100%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 205955   | 52.457   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 104.920%  |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 39) Methylcyclohexane       | 9.594  | 83    | 8178     | 1.710    | ug/l # | 92        |
| 52) Toluene                 | 10.624 | 92    | 809560   | 100.664  | ug/l   | 99        |
| 64) Tetrachloroethene       | 11.100 | 164   | 3517     | 1.093    | ug/l # | 82        |
| 67) Ethyl Benzene           | 11.959 | 91    | 118835   | 7.055    | ug/l   | 97        |
| 68) m/p-Xylenes             | 12.065 | 106   | 193993   | 30.739   | ug/l   | 97        |
| 69) o-Xylene                | 12.394 | 106   | 60021    | 9.617    | ug/l   | 97        |
| 73) Isopropylbenzene        | 12.694 | 105   | 8540     | 0.556    | ug/l   | 97        |
| 78) n-propylbenzene         | 13.029 | 91    | 23508    | 1.299    | ug/l   | 98        |
| 80) 1,3,5-Trimethylbenzene  | 13.171 | 105   | 19513    | 1.552    | ug/l   | 99        |
| 84) 1,2,4-Trimethylbenzene  | 13.476 | 105   | 68984    | 5.390    | ug/l   | 99        |
| 85) sec-Butylbenzene        | 13.612 | 105   | 10370    | 0.686    | ug/l   | 95        |
| 86) p-Isopropyltoluene      | 13.723 | 119   | 4578     | 0.368    | ug/l   | 96        |
| 89) n-Butylbenzene          | 14.053 | 91    | 9091     | 0.823    | ug/l # | 84        |
| -----                       |        |       |          |          |        |           |

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

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