

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122624\  
 Data File : VN085316.D  
 Acq On : 26 Dec 2024 14:36  
 Operator : JC\MD  
 Sample : P5371-07RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SPLP-C12-1-MRE

Quant Time: Dec 27 00:46:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 19 06:31:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 153657     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 277699     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.864         | 117  | 236786     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 104487     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.576          | 65   | 118832     | 44.246   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 88.500%  |        |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 58947      | 30.193   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 60.380%# |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 338516     | 47.439   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 94.880%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 117316     | 46.029   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 92.060%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          |        | Qvalue   |
| 16) Acetone                 | 4.424          | 43   | 29305      | 31.611   | ug/l   | 95       |
| 25) 2-Butanone              | 7.482          | 43   | 7325       | 5.160    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene  | 7.482          | 96   | 14901      | 6.619    | ug/l   | 85       |
| 30) Chloroform              | 7.959          | 83   | 12027      | 3.001    | ug/l   | 96       |
| 40) Benzene                 | 8.600          | 78   | 39971      | 4.726    | ug/l   | 99       |
| 44) Trichloroethene         | 9.347          | 130  | 3741       | 1.987    | ug/l   | 86       |
| 52) Toluene                 | 10.623         | 92   | 26621      | 5.235    | ug/l   | 99       |
| 67) Ethyl Benzene           | 11.959         | 91   | 186080     | 20.397   | ug/l   | 99       |
| 68) m/p-Xylenes             | 12.064         | 106  | 23942      | 7.017    | ug/l   | 97       |
| 69) o-Xylene                | 12.394         | 106  | 21455      | 6.690    | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.694         | 105  | 13420      | 1.780    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.170         | 105  | 9714       | 1.545    | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene  | 13.482         | 105  | 40410      | 6.288    | ug/l   | 100      |
| 86) p-Isopropyltoluene      | 13.723         | 119  | 3068       | 2.357    | ug/l # | 63       |
| 95) Naphthalene             | 15.635         | 128  | 2487226    | 432.846  | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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