

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120922\  
 Data File : VN075685.D  
 Acq On : 10 Dec 2022 03:11  
 Operator : JC\MD  
 Sample : N5989-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-11

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/12/2022  
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:24:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 03:01:58 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 213077              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 353793              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 315079              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 142514              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 119438              | 52.830 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 105.660% |        |        |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 108082              | 50.072 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.140% |        |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 410759              | 50.672 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 101.340% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 132048              | 47.643 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 95.280%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 11) Tert butyl alcohol      | 5.536          | 59   | 31568               | 94.385 | ug/l   | 99       |
| 19) Methyl tert-butyl Ether | 5.800          | 73   | 6920m               | 1.127  | ug/l   |          |
| 22) Diisopropyl ether       | 6.694          | 45   | 7203                | 1.393  | ug/l   | 92       |
| 31) Cyclohexane             | 8.265          | 56   | 11045               | 3.300  | ug/l   | 84       |
| 39) Methylcyclohexane       | 9.612          | 83   | 2073                | 0.570  | ug/l   | 88       |
| 40) Benzene                 | 8.612          | 78   | 8301                | 0.944  | ug/l   | 91       |
| 68) m/p-Xylenes             | 12.071         | 106  | 1655                | 0.373  | ug/l   | 84       |
| 73) Isopropylbenzene        | 12.700         | 105  | 4073                | 0.398  | ug/l   | 99       |
| 78) n-propylbenzene         | 13.035         | 91   | 4229                | 0.372  | ug/l   | 89       |
| 89) n-Butylbenzene          | 14.053         | 91   | 2555                | 0.357  | ug/l   | 96       |
| -----                       |                |      |                     |        |        |          |

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

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