

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110323\  
 Data File : VN079861.D  
 Acq On : 03 Nov 2023 20:02  
 Operator : JC\MD  
 Sample : 05230-03 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 60088

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/04/2023  
 Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 00:58:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 8.229          | 168  | 224583              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 449648              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870         | 117  | 465520              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 201822              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582          | 65   | 188123              | 54.981  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 109.960% |         |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 154791              | 48.639  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 97.280%  |         |        |          |
| 50) Toluene-d8              | 10.570         | 98   | 546690              | 46.663  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 93.320%  |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 200744              | 51.665  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 103.320% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 4.430          | 43   | 241965              | 201.324 | ug/l   | 95       |
| 31) Cyclohexane             | 8.224          | 56   | 10328               | 2.284   | ug/l # | 61       |
| 39) Methylcyclohexane       | 9.606          | 83   | 5846                | 1.367   | ug/l # | 88       |
| 40) Benzene                 | 8.612          | 78   | 98652               | 7.249   | ug/l   | 100      |
| 52) Toluene                 | 10.635         | 92   | 546912              | 67.784  | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.970         | 91   | 267793              | 15.221  | ug/l   | 97       |
| 68) m/p-Xylenes             | 12.070         | 106  | 391830              | 59.787  | ug/l   | 93       |
| 69) o-Xylene                | 12.400         | 106  | 179193              | 28.394  | ug/l   | 90       |
| 73) Isopropylbenzene        | 12.694         | 105  | 20239               | 1.321   | ug/l   | 95       |
| 78) n-propylbenzene         | 13.035         | 91   | 50099               | 2.856   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 13.176         | 105  | 74970               | 6.291   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.488         | 105  | 310092              | 26.448  | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.617         | 105  | 3574m               | 0.264   | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.735         | 119  | 2284m               | 0.207   | ug/l   |          |
| 89) n-Butylbenzene          | 14.058         | 91   | 4557                | 0.480   | ug/l # | 83       |
| 95) Naphthalene             | 15.647         | 128  | 47416               | 4.465   | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

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

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