

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010721\  
 Data File : VN065432.D  
 Acq On : 7 Jan 2021 17:19  
 Operator : JC/MD  
 Sample : M1022-13  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30733

Manual Integrations  
 APPROVED

MMDadoda

1/8/2021 11:03:11 AM

Quant Time: Jan 08 01:19:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 22 15:42:18 2020  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                       |                |      |                    |        |        |          |
| Internal Standards          |                |      |                    |        |        |          |
| 1) Pentafluorobenzene       | 7.630          | 168  | 308662             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.553          | 114  | 508570             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.380         | 117  | 545431             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.318         | 152  | 301455             | 50.00  | ug/l   | 0.00     |
|                             |                |      |                    |        |        |          |
| System Monitoring Compounds |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.997          | 65   | 212712             | 61.04  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 122.08% |        |        |          |
| 35) Dibromofluoromethane    | 7.553          | 113  | 153781             | 50.12  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 100.24% |        |        |          |
| 50) Toluene-d8              | 10.061         | 98   | 624072             | 54.27  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 108.54% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.376         | 95   | 278845             | 60.16  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 120.32% |        |        |          |
|                             |                |      |                    |        |        |          |
| Target Compounds            |                |      |                    |        | Qvalue |          |
| 11) Tert butyl alcohol      | 4.782          | 59   | 69121              | 121.23 | ug/l   | 97       |
| 16) Acetone                 | 3.791          | 43   | 86480              | 50.56  | ug/l   | 98       |
| 18) Methyl Acetate          | 4.296          | 43   | 10129              | 3.24   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether | 5.023          | 73   | 2493               | 0.26   | ug/l # | 56       |
| 25) 2-Butanone              | 6.814          | 43   | 12595              | 6.44   | ug/l   | 99       |
| 37) Ethyl Acetate           | 6.897          | 43   | 6663               | 1.45   | ug/l # | 77       |
| 39) Methylcyclohexane       | 9.052          | 83   | 6403               | 1.15   | ug/l   | 94       |
| 40) Benzene                 | 8.007          | 78   | 9689814            | 704.38 | ug/l # | 64       |
| 51) 4-Methyl-2-Pentanone    | 9.955          | 43   | 22787              | 5.13   | ug/l   | 100      |
| 52) Toluene                 | 10.126         | 92   | 5914890            | 682.20 | ug/l # | 73       |
| 67) Ethyl Benzene           | 11.482         | 91   | 2025383            | 101.24 | ug/l   | 99       |
| 68) m/p-Xylenes             | 11.592         | 106  | 2789197            | 370.09 | ug/l   | 88       |
| 69) o-Xylene                | 11.923         | 106  | 2342322            | 320.15 | ug/l   | 89       |
| 70) Styrene                 | 11.939         | 104  | 4628592            | 379.16 | ug/l   | 95       |
| 73) Isopropylbenzene        | 12.222         | 105  | 51680              | 2.25   | ug/l   | 98       |
| 78) n-propylbenzene         | 12.566         | 91   | 57065              | 2.20   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.707         | 105  | 481203             | 24.58  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.013         | 105  | 1342554            | 70.43  | ug/l   | 97       |
| 89) n-Butylbenzene          | 13.588         | 91   | 8971m              | 0.52   | ug/l   |          |
| 95) Naphthalene             | 15.106         | 128  | 13361281           | 801.01 | ug/l # | 43       |
| -----                       |                |      |                    |        |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010721\  
Data File : VN065432.D  
Acq On : 7 Jan 2021 17:19  
Operator : JC/MD  
Sample : M1022-13  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
30733

Manual Integrations  
APPROVED

MMDadoda

1/8/2021 11:03:11 AM

Quant Time: Jan 08 01:19:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 22 15:42:18 2020  
Response via : Initial Calibration

