

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022822\  
 Data File : VN071102.D  
 Acq On : 28 Feb 2022 18:20  
 Operator : JC\MD  
 Sample : N1689-11 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP022522

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/01/2022  
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 04:23:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 8.081          | 168  | 920722              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963          | 114  | 1433960             | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739         | 117  | 1296451             | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669         | 152  | 520728              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 527789              | 50.182  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 100.360% |         |        |          |
| 35) Dibromofluoromethane    | 8.016          | 113  | 415142              | 48.673  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 97.340%  |         |        |          |
| 50) Toluene-d8              | 10.439         | 98   | 1755368             | 51.248  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 102.500% |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.727         | 95   | 648790              | 52.991  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 105.980% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 4.257          | 43   | 32488               | 5.609   | ug/l # | 64       |
| 25) 2-Butanone              | 7.334          | 43   | 11303               | 1.467   | ug/l # | 79       |
| 31) Cyclohexane             | 8.092          | 56   | 474543              | 26.088  | ug/l   | 94       |
| 39) Methylcyclohexane       | 9.457          | 83   | 209454              | 11.649  | ug/l   | 91       |
| 40) Benzene                 | 8.457          | 78   | 471532              | 11.408  | ug/l   | 100      |
| 52) Toluene                 | 10.504         | 92   | 159328              | 6.134   | ug/l   | 95       |
| 67) Ethyl Benzene           | 11.839         | 91   | 2779723             | 56.850  | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.945         | 106  | 1993374             | 105.544 | ug/l   | 99       |
| 69) o-Xylene                | 12.274         | 106  | 514663              | 27.896  | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.574         | 105  | 181689              | 4.335   | ug/l   | 99       |
| 78) n-propylbenzene         | 12.916         | 91   | 519563              | 11.033  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 13.057         | 105  | 386931              | 11.395  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.363         | 105  | 2277702             | 68.141  | ug/l   | 99       |
| 86) p-Isopropyltoluene      | 13.610         | 119  | 13627m              | 0.391   | ug/l   |          |
| 95) Naphthalene             | 15.498         | 128  | 483469              | 23.684  | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022822\  
Data File : VN071102.D  
Acq On : 28 Feb 2022 18:20  
Operator : JC\MD  
Sample : N1689-11 10X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP022522

Quant Time: Mar 01 04:23:42 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 21 07:57:15 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By : John Carlone 03/01/2022  
Supervised By : Mahesh Dadoda 03/01/2022

