

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121021\  
 Data File : VN069962.D  
 Acq On : 10 Dec 2021 16:50  
 Operator : JC/MD  
 Sample : M4969-04DL 5X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2DL

Manual Integrations  
 APPROVED

Reviewed By : Mahesh Dadoda 12/23/2021  
 Supervised By : Amit Patel 12/23/2021

Quant Time: Dec 11 05:21:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.086          | 168  | 1117181             | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 2087914             | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117  | 2377553             | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 1087347             | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 880336              | 51.036 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 102.080% |        |        |          |
| 35) Dibromofluoromethane    | 8.021          | 113  | 645576              | 49.363 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 98.720%  |        |        |          |
| 50) Toluene-d8              | 10.440         | 98   | 2756781             | 52.497 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 105.000% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.731         | 95   | 1221234             | 64.193 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 128.380% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 11) Tert butyl alcohol      | 5.380          | 59   | 319664              | 98.040 | ug/l   | 97       |
| 16) Acetone                 | 4.288          | 43   | 59013m              | 5.687  | ug/l   |          |
| 22) Diisopropyl ether       | 6.498          | 45   | 57432               | 1.225  | ug/l   | 95       |
| 31) Cyclohexane             | 8.091          | 56   | 132288m             | 5.511  | ug/l   |          |
| 39) Methylcyclohexane       | 9.459          | 83   | 91830               | 3.884  | ug/l   | 88       |
| 40) Benzene                 | 8.461          | 78   | 2833941             | 46.646 | ug/l   | 98       |
| 52) Toluene                 | 10.505         | 92   | 140147              | 3.778  | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.843         | 91   | 1970868             | 22.495 | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.953         | 106  | 622183              | 19.503 | ug/l   | 93       |
| 69) o-Xylene                | 12.280         | 106  | 179306              | 5.580  | ug/l   | 93       |
| 73) Isopropylbenzene        | 12.578         | 105  | 294876              | 3.048  | ug/l   | 98       |
| 78) n-propylbenzene         | 12.921         | 91   | 938282              | 8.716  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene  | 13.058         | 105  | 860142              | 11.046 | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.369         | 105  | 1191720             | 16.070 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.501         | 105  | 44399               | 0.475  | ug/l   | 92       |
| 89) n-Butylbenzene          | 13.940         | 91   | 42175               | 0.711  | ug/l # | 70       |
| 95) Naphthalene             | 15.507         | 128  | 438124              | 11.573 | ug/l   | 99       |
| -----                       |                |      |                     |        |        |          |

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

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