

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121322\  
 Data File : VX033390.D  
 Acq On : 13 Dec 2022 14:21  
 Operator : JC/MD  
 Sample : N6001-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6R

Quant Time: Dec 14 05:37:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2022  
 Supervised By : Mahesh Dadoda 12/14/2022

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 138312     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 217435     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 200223     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 103468     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 42167      | 47.522   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 95.040%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 47781      | 48.857   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 97.720%  |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 104607     | 51.131   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 102.260% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 84450      | 53.985   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 107.980% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 6589       | 10.035   | ug/l   | 92       |
| 25) 2-Butanone              | 4.568          | 43   | 5372       | 5.700    | ug/l # | 88       |
| 31) Cyclohexane             | 5.477          | 56   | 103047     | 48.866   | ug/l   | 90       |
| 39) Methylcyclohexane       | 7.379          | 83   | 57161      | 26.783   | ug/l   | 97       |
| 40) Benzene                 | 6.043          | 78   | 63257      | 11.378   | ug/l   | 99       |
| 52) Toluene                 | 8.720          | 92   | 2685869    | 747.224  | ug/l   | 95       |
| 67) Ethyl Benzene           | 10.201         | 91   | 11148736   | 1578.334 | ug/l # | 75       |
| 68) m/p-Xylenes             | 10.317         | 106  | 9677729    | 3521.444 | ug/l # | 71       |
| 69) o-Xylene                | 10.646         | 106  | 3403148    | 1252.788 | ug/l   | 84       |
| 73) Isopropylbenzene        | 10.963         | 105  | 272775     | 36.373   | ug/l   | 100      |
| 78) n-propylbenzene         | 11.305         | 91   | 617115     | 73.696   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 714843     | 114.511  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.756         | 105  | 2238097    | 359.165  | ug/l   | 96       |
| 85) sec-Butylbenzene        | 11.890         | 105  | 26123m     | 3.597    | ug/l   |          |
| 86) p-Isopropyltoluene      | 12.012         | 119  | 11949m     | 1.908    | ug/l   |          |
| 89) n-Butylbenzene          | 12.317         | 91   | 49820      | 9.714    | ug/l # | 12       |
| 95) Naphthalene             | 13.774         | 128  | 42822      | 6.198    | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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