

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101022\  
 Data File : VX032024.D  
 Acq On : 10 Oct 2022 19:46  
 Operator : JC/MD  
 Sample : N4987-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AUD-1678

Quant Time: Oct 11 05:14:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 71198               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 110122              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 118093              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 74145               | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 78577               | 53.440  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 106.880% |         |        |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 57107               | 45.813  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 91.620%  |         |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 226649              | 50.530  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 101.060% |         |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 78676               | 49.615  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 99.240%  |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 11) Tert butyl alcohol      | 2.989          | 59   | 19915               | 108.860 | ug/l   | 96       |
| 16) Acetone                 | 2.386          | 43   | 111071              | 222.262 | ug/l   | 100      |
| 17) Carbon Disulfide        | 2.502          | 76   | 1747                | 0.750   | ug/l # | 81       |
| 18) Methyl Acetate          | 2.703          | 43   | 45767               | 27.757  | ug/l   | 97       |
| 25) 2-Butanone              | 4.562          | 43   | 48271               | 61.792  | ug/l   | 96       |
| 40) Benzene                 | 6.044          | 78   | 5615                | 1.160   | ug/l   | 93       |
| 41) Methacrylonitrile       | 4.916          | 41   | 254                 | 0.314   | ug/l # | 27       |
| 52) Toluene                 | 8.720          | 92   | 4359                | 1.377   | ug/l   | 92       |
| 67) Ethyl Benzene           | 10.195         | 91   | 4063                | 0.671   | ug/l   | 96       |
| 68) m/p-Xylenes             | 10.299         | 106  | 7965                | 3.311   | ug/l   | 90       |
| 69) o-Xylene                | 10.647         | 106  | 942                 | 0.403   | ug/l   | 81       |
| 70) Styrene                 | 10.659         | 104  | 5764                | 1.542   | ug/l # | 90       |
| 73) Isopropylbenzene        | 10.964         | 105  | 2438                | 0.436   | ug/l   | 93       |
| 78) n-propylbenzene         | 11.305         | 91   | 3811                | 0.599   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 18066               | 3.895   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 47099               | 9.996   | ug/l   | 82       |
| 85) sec-Butylbenzene        | 11.890         | 105  | 1868                | 0.329   | ug/l   | 97       |
| 89) n-Butylbenzene          | 12.323         | 91   | 3765                | 0.940   | ug/l # | 29       |
| 95) Naphthalene             | 13.774         | 128  | 40460               | 7.460   | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

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

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