

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010322\  
 Data File : VX026260.D  
 Acq On : 04 Jan 2022 07:24  
 Operator : JC/MD  
 Sample : M5336-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 40567

Quant Time: Jan 04 17:33:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 282259     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 479670     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 407993     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.055         | 152  | 163739     | 50.000   | ug/l   | 0.03     |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 198017     | 48.492   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 96.980%  |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 153309     | 49.161   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 98.320%  |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 556461     | 47.972   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 95.940%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 209413     | 50.714   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 101.420% |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.965          | 59   | 953592     | 1169.190 | ug/l # | 92       |
| 16) Acetone                 | 2.379          | 43   | 2299900    | 1039.513 | ug/l   | 99       |
| 18) Methyl Acetate          | 2.703          | 43   | 278908     | 38.864   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether | 3.117          | 73   | 1103715    | 101.098  | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794          | 84   | 45890      | 12.259   | ug/l   | 97       |
| 25) 2-Butanone              | 4.556          | 43   | 1046245    | 339.473  | ug/l   | 98       |
| 29) Tetrahydrofuran         | 5.013          | 42   | 20060      | 10.327   | ug/l # | 87       |
| 31) Cyclohexane             | 5.476          | 56   | 13677      | 2.352    | ug/l   | 94       |
| 40) Benzene                 | 6.043          | 78   | 577126     | 40.204   | ug/l   | 98       |
| 49) 1,4-Dioxane             | 7.671          | 88   | 165622m    | 1971.547 | ug/l   |          |
| 51) 4-Methyl-2-Pentanone    | 8.580          | 43   | 795016     | 134.407  | ug/l   | 95       |
| 52) Toluene                 | 8.720          | 92   | 1420677    | 160.758  | ug/l   | 98       |
| 67) Ethyl Benzene           | 10.195         | 91   | 780509     | 48.703   | ug/l   | 98       |
| 68) m/p-Xylenes             | 10.305         | 106  | 1779806    | 297.443  | ug/l   | 98       |
| 69) o-Xylene                | 10.646         | 106  | 936773     | 160.005  | ug/l   | 97       |
| 73) Isopropylbenzene        | 10.969         | 105  | 68680      | 5.396    | ug/l   | 97       |
| 78) n-propylbenzene         | 11.311         | 91   | 185903     | 12.704   | ug/l   | 83       |
| 80) 1,3,5-Trimethylbenzene  | 11.457         | 105  | 264650     | 25.057   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.762         | 105  | 1117956    | 105.931  | ug/l   | 93       |
| 95) Naphthalene             | 13.780         | 128  | 588620     | 46.513   | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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