

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071924\  
 Data File : VX042400.D  
 Acq On : 19 Jul 2024 13:36  
 Operator : JC/MD  
 Sample : P3289-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)

Quant Time: Jul 19 16:09:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071924W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 19 11:30:14 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 4.898  | 128   | 30853    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.757  | 114   | 177448   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 161676   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 63562    | 28.761   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 95.867%  |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 72519    | 28.829   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 96.100%  |
| 63) Toluene-d8              | 8.647  | 98    | 208909   | 29.745   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 99.167%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) Methyl Acetate          | 2.709  | 43    | 9491     | 3.210    | ug/l   | 95       |
| 15) Acetone                 | 2.392  | 58    | 307597   | 931.366  | ug/l   | 97       |
| 16) Carbon Disulfide        | 2.502  | 76    | 5564     | 1.565    | ug/l   | 96       |
| 18) Methylene Chloride      | 2.782  | 84    | 3069     | 1.494    | ug/l   | 93       |
| 25) Chloroform              | 5.093  | 83    | 977      | 0.276    | ug/l   | 94       |
| 30) 2-Butanone              | 4.568  | 43    | 77479    | 50.152   | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone    | 8.580  | 43    | 12422    | 4.360    | ug/l   | 98       |
| 62) Toluene                 | 8.714  | 91    | 669182   | 82.789   | ug/l   | 100      |
| 67) m/p-Xylenes             | 10.305 | 106   | 1135     | 0.322    | ug/l   | 92       |
| 80) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 5622     | 0.748    | ug/l   | 48       |
| 82) p-Isopropyltoluene      | 12.006 | 119   | 6017     | 0.737    | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene  | 13.591 | 180   | 631      | 0.201    | ug/l   | 92       |
| 91) Naphthalene             | 13.780 | 128   | 3659     | 0.391    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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