

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092823\  
 Data File : VX037944.D  
 Acq On : 28 Sep 2023 12:10  
 Operator : JC/MD  
 Sample : 04346-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

Quant Time: Sep 29 04:24:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X092723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Sep 28 06:08:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                         |                |      |                     |         |        |          |
| Internal Standards            |                |      |                     |         |        |          |
| 1) Bromochloromethane         | 4.897          | 128  | 44114               | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene       | 6.763          | 114  | 251016              | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5          | 10.055         | 117  | 243641              | 30.000  | ug/l   | 0.00     |
|                               |                |      |                     |         |        |          |
| System Monitoring Compounds   |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4     | 5.952          | 65   | 96612               | 30.382  | ug/l   | 0.00     |
| Spiked Amount 30.000          | Range 91 - 110 |      | Recovery = 101.267% |         |        |          |
| 60) 4-Bromofluorobenzene      | 11.079         | 95   | 115807              | 29.157  | ug/l   | 0.00     |
| Spiked Amount 30.000          | Range 63 - 112 |      | Recovery = 97.200%  |         |        |          |
| 63) Toluene-d8                | 8.647          | 98   | 313099              | 29.769  | ug/l   | 0.00     |
| Spiked Amount 30.000          | Range 91 - 112 |      | Recovery = 99.233%  |         |        |          |
|                               |                |      |                     |         |        |          |
| Target Compounds              |                |      |                     |         | Qvalue |          |
| 6) Chloroethane               | 1.691          | 64   | 157964              | 84.869  | ug/l   | 95       |
| 7) Trichlorofluoromethane     | 1.892          | 101  | 384747              | 84.071  | ug/l   | 100      |
| 10) 1,1-Dichloroethene        | 2.318          | 96   | 340653              | 149.148 | ug/l   | 98       |
| 15) Acetone                   | 2.379          | 58   | 18343               | 49.475  | ug/l   | 86       |
| 18) Methylene Chloride        | 2.788          | 84   | 246539              | 90.062  | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene  | 3.093          | 96   | 65687               | 25.517  | ug/l   | 96       |
| 21) 1,1-Dichloroethane        | 3.611          | 63   | 615127              | 136.383 | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.489          | 96   | 410225              | 134.213 | ug/l   | 87       |
| 25) Chloroform                | 5.092          | 83   | 445530              | 89.821  | ug/l   | 100      |
| 30) 2-Butanone                | 4.550          | 43   | 309700              | 177.847 | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane     | 5.385          | 97   | 337426              | 77.606  | ug/l   | 98       |
| 33) Carbon Tetrachloride      | 5.678          | 117  | 416713              | 111.961 | ug/l   | 99       |
| 39) 1,2-Dichloropropane       | 7.427          | 63   | 315880              | 113.908 | ug/l   | 96       |
| 40) Dibromomethane            | 7.580          | 93   | 39777               | 19.439  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 8.976          | 75   | 375823              | 92.603  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366          | 75   | 376379              | 86.356  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 9.153          | 97   | 399316              | 136.557 | ug/l   | 97       |
| 53) Dibromochloromethane      | 9.518          | 129  | 299318              | 99.319  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 9.610          | 107  | 335372              | 105.690 | ug/l   | 99       |
| 56) Bromoform                 | 10.799         | 173  | 206317              | 91.022  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.275          | 164  | 293898              | 113.351 | ug/l   | 97       |
| 62) Toluene                   | 8.720          | 91   | 292518              | 23.145  | ug/l   | 100      |
| 64) Chlorobenzene             | 10.079         | 112  | 389185              | 49.364  | ug/l   | 100      |
| 66) Ethyl Benzene             | 10.195         | 91   | 842298              | 60.387  | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.299         | 106  | 210182              | 38.251  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640         | 106  | 174209              | 32.740  | ug/l   | 96       |
| 72) 1,2,3-Trichloropropane    | 11.238         | 75   | 221479              | 54.197  | ug/l   | 90       |
| 76) 1,3,5-Trimethylbenzene    | 11.451         | 105  | 1152559             | 94.645  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969         | 146  | 650119              | 93.937  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042         | 146  | 693700              | 98.918  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335         | 146  | 129032              | 18.923  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939         | 75   | 146000              | 157.495 | ug/l   | 84       |
| 91) Naphthalene               | 13.774         | 128  | 2059590             | 146.377 | ug/l   | 99       |
| -----                         |                |      |                     |         |        |          |

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

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