

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062823\  
 Data File : VN078438.D  
 Acq On : 28 Jun 2023 13:51  
 Operator : JC\MD  
 Sample : 03428-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PNNL-APM-0621-2

Quant Time: Jun 29 05:20:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 8.235  | 168            | 455673   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.112  | 114            | 843090   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117            | 802699   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.800 | 152            | 247139   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65             | 307468   | 50.608     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | = 101.220% |        |          |
| 35) Dibromofluoromethane    | 8.177  | 113            | 301179   | 56.498     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 113.000% |        |          |
| 50) Toluene-d8              | 10.571 | 98             | 1001507  | 48.734     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | = 97.460%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95             | 331438   | 51.879     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 103.760% |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            |        | Qvalue   |
| 16) Acetone                 | 4.436  | 43             | 101768   | 58.194     | ug/l   | 93       |
| 20) Methylene Chloride      | 5.295  | 84             | 29328    | 5.075      | ug/l   | 95       |
| 25) 2-Butanone              | 7.500  | 43             | 24971    | 9.286      | ug/l   | 96       |
| 37) Ethyl Acetate           | 7.577  | 43             | 56384    | 9.439      | ug/l # | 95       |
| 43) Isopropyl Acetate       | 8.694  | 43             | 268092   | 23.468     | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone    | 10.447 | 43             | 169545   | 28.184     | ug/l   | 88       |
| -----                       |        |                |          |            |        |          |

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

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