

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102822\  
 Data File : VN075069.D  
 Acq On : 28 Oct 2022 18:36  
 Operator : JC\MD  
 Sample : N5313-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-VOC-GRAB-3-NW-QUARTER

Quant Time: Oct 31 03:09:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 107250   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 206697   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 189328   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 72619    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 85214    | 58.969   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 117.940% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 64533    | 53.183   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 106.360% |
| 50) Toluene-d8              | 10.571 | 98    | 256591   | 54.504   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 109.000% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 81155    | 49.074   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.140%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.447  | 43    | 9508     | 15.539   | ug/l   | 91       |
| 20) Methylene Chloride      | 5.277  | 84    | 58579    | 42.938   | ug/l   | 94       |
| 37) Ethyl Acetate           | 7.571  | 43    | 15996    | 7.764    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 67293    | 21.058   | ug/l # | 90       |
| -----                       |        |       |          |          |        |          |

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

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