

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102822\  
 Data File : VN075073.D  
 Acq On : 28 Oct 2022 20:12  
 Operator : JC\MD  
 Sample : N5316-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-VOC-GRAB-8-NE-QUARTER

Quant Time: Oct 31 03:10:32 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       | 8.230  | 168   | 101422   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 200074   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 181957   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 67868    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 82256    | 60.193   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 120.380% |          |
| 35) Dibromofluoromethane    | 8.171  | 113   | 63176    | 53.788   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.580% |          |
| 50) Toluene-d8              | 10.571 | 98    | 242430   | 53.201   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.400% |          |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 77239    | 48.252   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 96.500%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.453  | 43    | 9291     | 16.057   | ug/l       | 100      |
| 20) Methylene Chloride      | 5.283  | 84    | 50664    | 39.270   | ug/l       | 93       |
| 37) Ethyl Acetate           | 7.571  | 43    | 15135    | 7.590    | ug/l       | 97       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 99748    | 32.247   | ug/l #     | 79       |
| -----                       |        |       |          |          |            |          |

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

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