

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032922\  
 Data File : VY008098.D  
 Acq On : 29 Mar 2022 19:33  
 Operator : SY/MD  
 Sample : N2106-01  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OILY-DEBRIS-DRUM-1

Quant Time: Mar 30 04:02:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 127905   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 229314   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 203212   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 62944    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 71764    | 55.923   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 111.840% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 71054    | 49.421   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.840%  |
| 50) Toluene-d8              | 10.179 | 98    | 274227   | 50.626   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 101.260% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 82242    | 43.036   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 86.080%  |

| Target Compounds           |        |     |        |          |        | Qvalue |
|----------------------------|--------|-----|--------|----------|--------|--------|
| 11) Tert butyl alcohol     | 4.954  | 59  | 166541 | 1250.837 | ug/l # | 94     |
| 15) Acrylonitrile          | 5.161  | 53  | 6006   | 16.476   | ug/l   | 94     |
| 16) Acetone                | 3.948  | 43  | 214406 | 730.966  | ug/l # | 88     |
| 25) 2-Butanone             | 6.984  | 43  | 80116  | 179.485  | ug/l # | 75     |
| 40) Benzene                | 8.161  | 78  | 16645  | 2.577    | ug/l   | 95     |
| 51) 4-Methyl-2-Pentanone   | 10.069 | 43  | 6025   | 5.768    | ug/l # | 77     |
| 52) Toluene                | 10.246 | 92  | 71986  | 16.991   | ug/l   | 95     |
| 59) 2-Hexanone             | 10.831 | 43  | 10172  | 13.916   | ug/l   | 88     |
| 67) Ethyl Benzene          | 11.593 | 91  | 31571  | 3.931    | ug/l   | 94     |
| 68) m/p-Xylenes            | 11.697 | 106 | 51563  | 16.147   | ug/l   | 92     |
| 69) o-Xylene               | 12.032 | 106 | 17439  | 5.704    | ug/l   | 96     |
| 78) n-propylbenzene        | 12.672 | 91  | 11429  | 1.865    | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.819 | 105 | 10415  | 2.447    | ug/l   | 100    |
| 84) 1,2,4-Trimethylbenzene | 13.123 | 105 | 46719  | 11.272   | ug/l   | 98     |

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

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