

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121522\  
 Data File : VN075830.D  
 Acq On : 15 Dec 2022 20:11  
 Operator : JC\MD  
 Sample : N6066-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ORA-583

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/16/2022  
 Supervised By :Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:13:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.229          | 168  | 368154     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 573577     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870         | 117  | 488626     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 210299     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 188099     | 46.964  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 93.920% |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 168929     | 47.558  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 95.120% |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 653589     | 49.213  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 98.420% |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 204735     | 46.544  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 93.080% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 8) Diethyl Ether            | 3.989          | 74   | 2101       | 0.978   | ug/l   | 68       |
| 11) Tert butyl alcohol      | 5.530          | 59   | 15063      | 26.579  | ug/l # | 92       |
| 16) Acetone                 | 4.447          | 43   | 85055      | 61.605  | ug/l   | 93       |
| 18) Methyl Acetate          | 5.047          | 43   | 5805       | 1.422   | ug/l # | 68       |
| 25) 2-Butanone              | 7.494          | 43   | 146069     | 75.559  | ug/l   | 90       |
| 39) Methylcyclohexane       | 9.600          | 83   | 2328       | 0.409   | ug/l # | 91       |
| 40) Benzene                 | 8.612          | 78   | 328397     | 22.557  | ug/l   | 98       |
| 52) Toluene                 | 10.635         | 92   | 153585     | 16.198  | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.970         | 91   | 21204      | 1.253   | ug/l   | 89       |
| 68) m/p-Xylenes             | 12.070         | 106  | 40421      | 6.034   | ug/l   | 96       |
| 69) o-Xylene                | 12.400         | 106  | 14246      | 2.149   | ug/l   | 97       |
| 70) Styrene                 | 12.412         | 104  | 4757m      | 0.451   | ug/l   |          |
| 78) n-propylbenzene         | 13.041         | 91   | 4716       | 0.281   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 13.176         | 105  | 8543       | 0.672   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.488         | 105  | 26997      | 2.140   | ug/l   | 97       |
| 95) Naphthalene             | 15.647         | 128  | 51745      | 6.502   | ug/l   | 97       |
| -----                       |                |      |            |         |        |          |

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

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