

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX113022\  
 Data File : VX033136.D  
 Acq On : 30 Nov 2022 16:51  
 Operator : JC/MD  
 Sample : N5815-21 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PZ-3R

Quant Time: Dec 01 00:22:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/01/2022  
 Supervised By : Mahesh Dadoda 12/01/2022

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 148962              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 236943              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 214507              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 113994              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 78426               | 54.139  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 108.280% |         |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 61433               | 45.990  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 91.980%  |         |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 212045              | 52.883  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 105.760% |         |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 83343               | 47.497  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 95.000%  |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 2.398          | 43   | 17136               | 25.293  | ug/l   | 99       |
| 25) 2-Butanone              | 4.574          | 43   | 20245               | 21.671  | ug/l   | 100      |
| 31) Cyclohexane             | 5.477          | 56   | 42660               | 18.149  | ug/l # | 96       |
| 39) Methylcyclohexane       | 7.379          | 83   | 28664               | 11.762  | ug/l # | 89       |
| 40) Benzene                 | 6.038          | 78   | 102909              | 17.184  | ug/l   | 100      |
| 52) Toluene                 | 8.720          | 92   | 9471                | 2.404   | ug/l   | 96       |
| 59) 2-Hexanone              | 9.433          | 43   | 3988                | 2.839   | ug/l   | 97       |
| 67) Ethyl Benzene           | 10.195         | 91   | 895734              | 118.072 | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.305         | 106  | 245128              | 82.514  | ug/l   | 99       |
| 69) o-Xylene                | 10.640         | 106  | 33936               | 11.806  | ug/l   | 96       |
| 73) Isopropylbenzene        | 10.964         | 105  | 77762               | 9.546   | ug/l   | 99       |
| 78) n-propylbenzene         | 11.305         | 91   | 257839              | 27.684  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 69056               | 10.091  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 914197              | 133.980 | ug/l   | 99       |
| 85) sec-Butylbenzene        | 11.890         | 105  | 14315m              | 1.757   | ug/l   |          |
| 86) p-Isopropyltoluene      | 12.012         | 119  | 5400                | 0.782   | ug/l # | 72       |
| 89) n-Butylbenzene          | 12.335         | 91   | 27162               | 4.566   | ug/l # | 69       |
| 95) Naphthalene             | 13.774         | 128  | 189739              | 26.030  | ug/l   | 100      |
| -----                       |                |      |                     |         |        |          |

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

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