

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
 Data File : VX026322.D  
 Acq On : 05 Jan 2022 15:14  
 Operator : JC/MD  
 Sample : M5336-15DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 40568DL

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/06/2022  
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:09:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 144386              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 242449              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 214662              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 104976              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 104516              | 50.035  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 100.080% |         |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 79166               | 50.225  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.440% |         |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 284917              | 48.596  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 97.200%  |         |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 114787              | 54.997  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 110.000% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 11) Tert butyl alcohol      | 2.971          | 59   | 116854m             | 280.084 | ug/l   |          |
| 16) Acetone                 | 2.386          | 43   | 148202              | 130.948 | ug/l   | 95       |
| 19) Methyl tert-butyl Ether | 3.117          | 73   | 310203              | 55.546  | ug/l   | 99       |
| 20) Methylene Chloride      | 2.794          | 84   | 4969                | 1.835   | ug/l   | 93       |
| 25) 2-Butanone              | 4.568          | 43   | 27254               | 17.287  | ug/l   | 100      |
| 31) Cyclohexane             | 5.470          | 56   | 1844                | 0.620   | ug/l # | 66       |
| 39) Methylcyclohexane       | 7.385          | 83   | 2389                | 0.833   | ug/l # | 89       |
| 40) Benzene                 | 6.043          | 78   | 349348              | 48.148  | ug/l   | 97       |
| 52) Toluene                 | 8.720          | 92   | 1365172             | 305.624 | ug/l   | 98       |
| 67) Ethyl Benzene           | 10.195         | 91   | 57420               | 6.810   | ug/l   | 95       |
| 68) m/p-Xylenes             | 10.305         | 106  | 68934               | 21.896  | ug/l   | 93       |
| 69) o-Xylene                | 10.646         | 106  | 24660               | 8.006   | ug/l   | 86       |
| 84) 1,2,4-Trimethylbenzene  | 11.756         | 105  | 1751                | 0.259   | ug/l   | 66       |
| -----                       |                |      |                     |         |        |          |

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

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