

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121724\  
 Data File : VU062411.D  
 Acq On : 18 Dec 2024 01:53  
 Operator : MD/SY  
 Sample : P5309-05  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CF5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024  
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 06:39:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 18 01:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|------------|-----------|--------|----------|
| -----                         |        |       |            |           |        |          |
| Internal Standards            |        |       |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114   | 108411m    | 5.000     | ug/L   | 0.02     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 112649     | 5.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 62450      | 5.000     | ug/L   | 0.00     |
|                               |        |       |            |           |        |          |
| System Monitoring Compounds   |        |       |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 28758      | 3.933     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130   | Recovery  | =      | 78.600%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 22637      | 4.352     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130   | Recovery  | =      | 87.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 14626      | 4.204     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125   | Recovery  | =      | 84.000%  |
| 20) 2-Butanone-d5             | 4.647  | 46    | 77012m     | 54.953    | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130   | Recovery  | =      | 109.900% |
| 24) Chloroform-d              | 5.062  | 84    | 72731      | 4.596     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125   | Recovery  | =      | 92.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.708  | 65    | 35605      | 4.575     | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 130   | Recovery  | =      | 91.600%  |
| 32) Benzene-d6                | 5.750  | 84    | 136582     | 4.210     | ug/L   | 0.03     |
| Spiked Amount                 | 5.000  | Range | 70 - 125   | Recovery  | =      | 84.200%  |
| 36) 1,2-Dichloropropane-d6    | 0.000  | 67    | 0d         | 0.000     | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 60 - 140   | Recovery  | =      | 0.000%#  |
| 41) Toluene-d8                | 7.914  | 98    | 144081     | 4.701     | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 130   | Recovery  | =      | 94.000%  |
| 43) trans-1,3-Dichloroprop... | 8.190  | 79    | 21091      | 5.162     | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 55 - 130   | Recovery  | =      | 103.200% |
| 46) 2-Hexanone-d5             | 8.640  | 63    | 65415      | 53.064    | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 45 - 130   | Recovery  | =      | 106.120% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 37028      | 5.126     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120   | Recovery  | =      | 102.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 59169      | 5.142     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120   | Recovery  | =      | 102.800% |
|                               |        |       |            |           |        |          |
| Target Compounds              |        |       |            |           |        |          |
| 5) Vinyl chloride             | 1.599  | 62    | 113873     | 13.740    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 2.136  | 101   | 160861     | 11.183    | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 165500     | 22.610    | ug/L   | 86       |
| 13) Acetone                   | 2.657  | 43    | 13394      | 14.037    | ug/L   | 94       |
| 14) Carbon disulfide          | 2.792  | 76    | 10414      | 0.450     | ug/L   | 98       |
| 16) Methylene chloride        | 3.039  | 84    | 2791171    | 363.249   | ug/L   | 89       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 357051     | 47.476    | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.872  | 63    | 66654      | 4.835     | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 8221087    | 975.235   | ug/L   | 94       |
| 25) Chloroform                | 5.081  | 83    | 9994       | 0.644     | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 5.795  | 62    | 269224     | 27.284    | ug/L   | 99       |
| 33) Benzene                   | 5.811  | 78    | 116342m    | 3.333     | ug/L   |          |
| 34) Trichloroethene           | 6.544  | 95    | 140385731m | 14196.575 | ug/L   |          |
| 40) 4-Methyl-2-pentanone      | 7.804  | 43    | 113206     | 28.413    | ug/L # | 90       |
| 42) Toluene                   | 7.984  | 91    | 4550829    | 120.893   | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.563  | 164   | 1631147    | 213.638   | ug/L   | 96       |
| 51) Chlorobenzene             | 9.451  | 112   | 47258      | 1.959     | ug/L   | 97       |
| 52) Ethylbenzene              | 9.573  | 91    | 66715      | 1.581     | ug/L   | 99       |
| 53) m,p-Xylene                | 9.692  | 106   | 86420      | 5.546     | ug/L   | 98       |

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Dec 18 01:12:26 2024  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 54) o-Xylene               | 10.100 | 106  | 31279    | 2.064 | ug/L  | 97       |
| 60) Isopropylbenzene       | 10.483 | 105  | 8490     | 0.188 | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene | 11.084 | 105  | 19189    | 0.503 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene | 11.463 | 105  | 57642    | 1.541 | ug/L  | 97       |

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

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