Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
Data File : VW030216.D
Acq On : 24 Sep 2024 11:40
Operator : SY/MD
Sample : P4109-12DL 2X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** A4E63DL

Quant Time: Sep 25 01:19:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:17:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 299118 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 276602 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.550 | 152 | 135009 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.363 | 65 | 97037 | 25.121 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 100.480% | | | |
| 7) Chloroethane-d5 | 2.899 | 69 | 80507 | 29.521 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 118.080% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 40045 | 20.748 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 83.000% | | | |
| 21) 2-Butanone-d5 | 7.081 | 46 | 40401 | 43.194 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 86.380% | | | |
| 24) Chloroform-d | 7.648 | 84 | 196721 | 23.919 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 95.680% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 95203 | 23.051 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 92.200% | | | |
| 32) Benzene-d6 | 8.276 | 84 | 357320 | 22.424 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 89.680% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.276 | 67 | 105606 | 21.465 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 85.880% | | | |
| 41) Toluene-d8 | 10.325 | 98 | 330426 | 23.139 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 92.560% | | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 42913 | 21.771 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 87.080% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 33196 | 44.094 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 88.180% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 78800 | 21.513 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 86.040% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.848 | 152 | 108922 | 23.766 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 95.080% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 4.045 | 96 | 78989 | 22.122 | ug/L | 100 |
| 13) Acetone | 4.137 | 43 | 27894 | 25.994 | ug/L | 98 |
| 16) Methylene chloride | 4.923 | 84 | 163722 | 37.119 | ug/L | 97 |
| 17) trans-1,2-Dichloroethene | 5.435 | 96 | 61038 | 15.507 | ug/L | 94 |
| 18) Methyl tert-butyl Ether | 5.429 | 73 | 118613 | 19.121 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 6.222 | 63 | 323218 | 40.440 | ug/L | 99 |
| 22) 2-Butanone | 7.173 | 43 | 101829 | 80.163 | ug/L | 99 |
| 25) Chloroform | 7.679 | 83 | 347977 | 42.866 | ug/L | 98 |
| 31) Carbon tetrachloride | 8.069 | 117 | 47838 | 7.869 | ug/L | 98 |
| 33) Benzene | 8.325 | 78 | 534122 | 31.584 | ug/L | 100 |
| 34) Trichloroethene | 9.093 | 95 | 212110 | 46.463 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 9.368 | 63 | 73576 | 16.052 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 10.075 | 75 | 194506 | 29.007 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 132087 | 56.397 | ug/L | 98 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 178017 | 31.559 | ug/L | 97 |
| 45) 1,1,2-Trichloroethane | 10.782 | 97 | 71224 | 21.355 | ug/L | 95 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 61021 | 19.842 | ug/L # | 96 |
| 53) m,p-Xylene | 11.837 | 106 | 180455 | 23.810 | ug/L | 86 |
| 54) o-Xylene | 12.160 | 106 | 223875 | 31.391 | ug/L | 100 |

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**ClientSampleId :**
A4E63DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 57) | 1,1,2,2-Tetrachloroethane | 12.715 | 83 | 77348 | 19.429 | ug/L | | 99 |
| 59) | Bromoform | 12.349 | 173 | 15814 | 7.401 | ug/L | | 99 |
| 61) | 1,2,3-Trichloropropane | 12.763 | 75 | 87163 | 31.033 | ug/L | | 96 |
| 64) | 1,3-Dichlorobenzene | 13.495 | 146 | 175014 | 19.866 | ug/L | | 90 |
| 65) | 1,4-Dichlorobenzene | 13.574 | 146 | 175849 | 19.321 | ug/L | | 97 |
| 68) | 1,2-Dibromo-3-chloropr... | 14.476 | 75 | 5384 | 8.790 | ug/L | # | 85 |
| 70) | 1,2,4-trichlorobenzene | 15.123 | 180 | 52815 | 10.603 | ug/L | | 95 |

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

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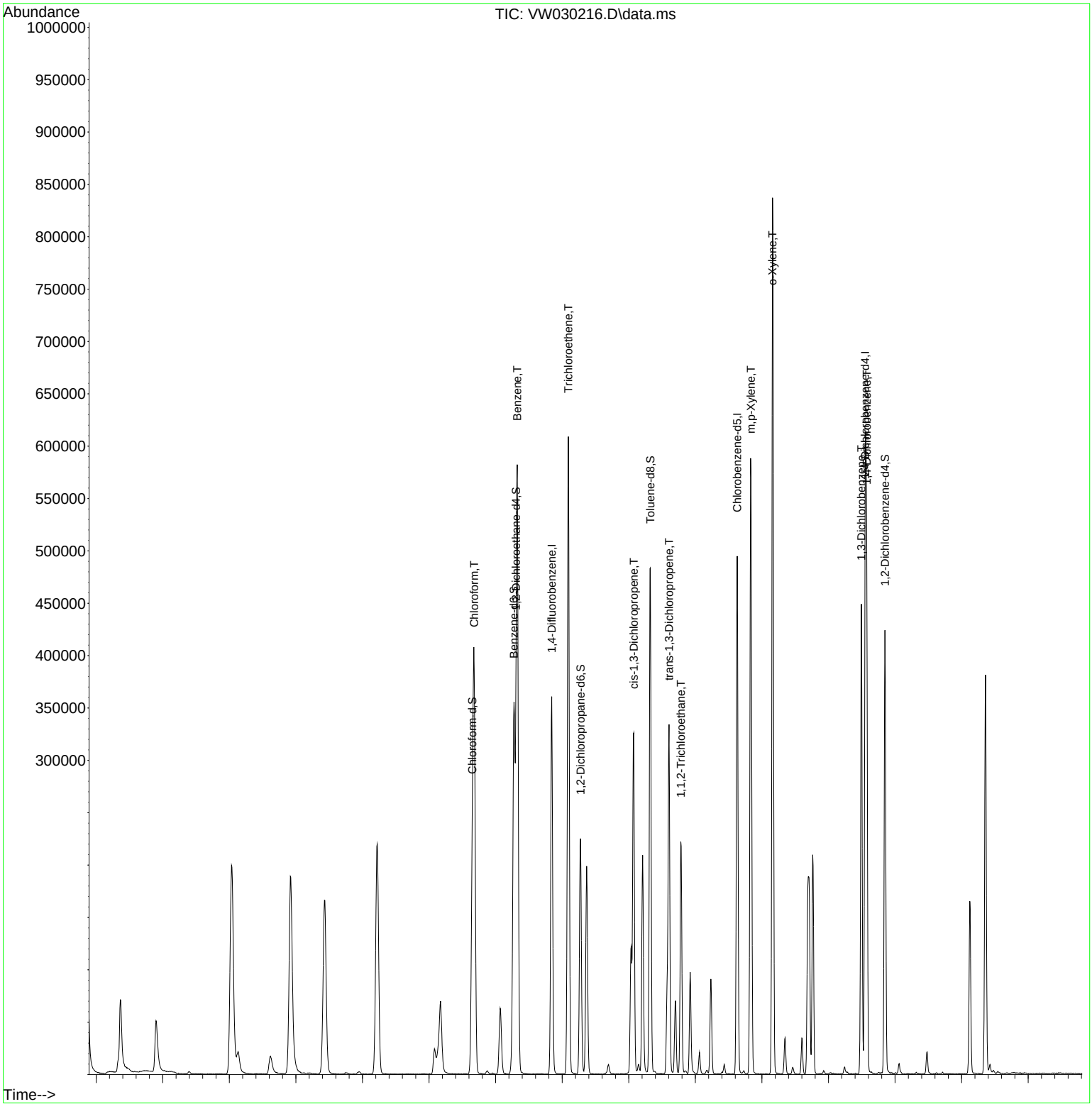
MSVOA_W
**ClientSampleId :**
A4E63DL

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