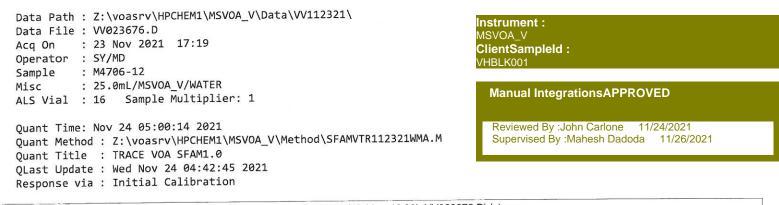
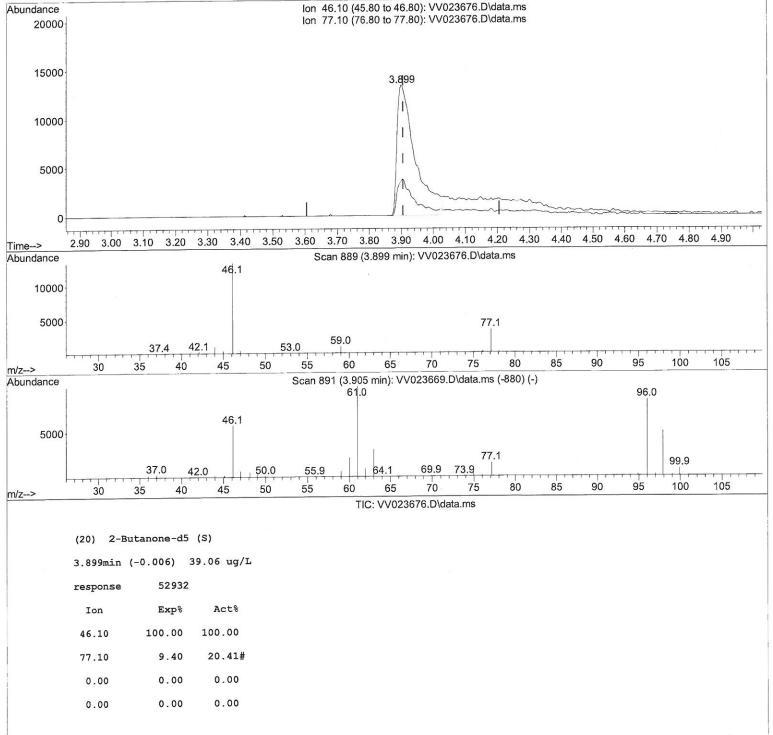
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\ Data File : VV023676.D Acq On : 23 Nov 2021 17:19 Operator : SY/MD Sample : M4706-12	Instrument : MSVOA_V ClientSampleId : VHBLK001
Misc : 25.0mL/MSVOA_V/WATER ALS Vial : 16 Sample Multiplier: 1	Manual IntegrationsAPPROVED
Quant Time: Nov 24 05:00:14 2021 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M Quant Title : TRACE VOA SFAM1.0	Reviewed By :John Carlone 11/24/2021 Supervised By :Mahesh Dadoda 11/26/2021
QLast Update : Wed Nov 24 04:42:45 2021 Response via : Initial Calibration	

Abundance	1						TIC	VV0236	76.D\data	a.ms							
280000																	
260000							Toluene-d8,S			-d4,!	1,2-Dichlorobenzene-d4,S						
240000						i	Toluer	<del>Chlorobenzene-</del> d5,I		<del>1,4-Dichlo</del> robenzene-d4,1	1,2-Dichloro						
220000	-			e-d6,S				Chloro		1,4-Dic							
200000				- Benzene-d6,S	enzene,l												
180000		0,00-00-00		e-d4,S	1,4-Difluorobenzene,l		le-d5,S										
160000	o Ch. concertioned design			4 <del>,</del> 2-Dichloroethane-d4, <del>S</del>	ane-d6,S		2-Hexanone-d5,S										
140000			U		1,2-Dichloropropane-d6,S				-d2,S								
120000-	hloride-d3,S d5,S		Chloroform et C		1,2-				1,1,2,2-Tetrachloroethane-d2,S								
100000	Vinyl Chloride-d3,S Chloroethane-d5,S						4,S		1,1,2,2-Tetra								
80000							loropropene-d				4						
60000-			2-Butanone-d5,S				trans-1,3-Dichloropropene-d4,S										
40000			2-Buta														
20000																when we want the second street at t	
0 <sup>1</sup> Time>	2.00	) 3.00	4.00	5.00	6.00	7.00	<del>بہ ایم ایک</del> 8.00	9.00	10.00	<del>ې ۱۱</del> .00	12.00	13.00	14.00	15.00	16.00	17.00	

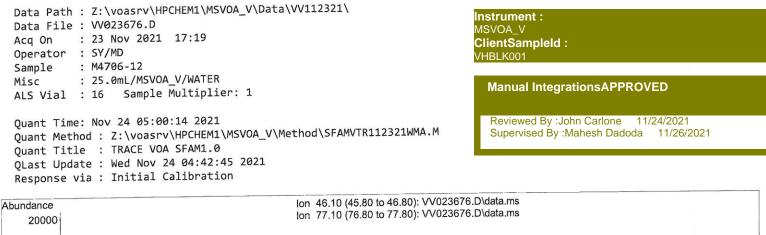
SFAMVTR112321WMA.M Wed Nov 24 05:26:29 2021

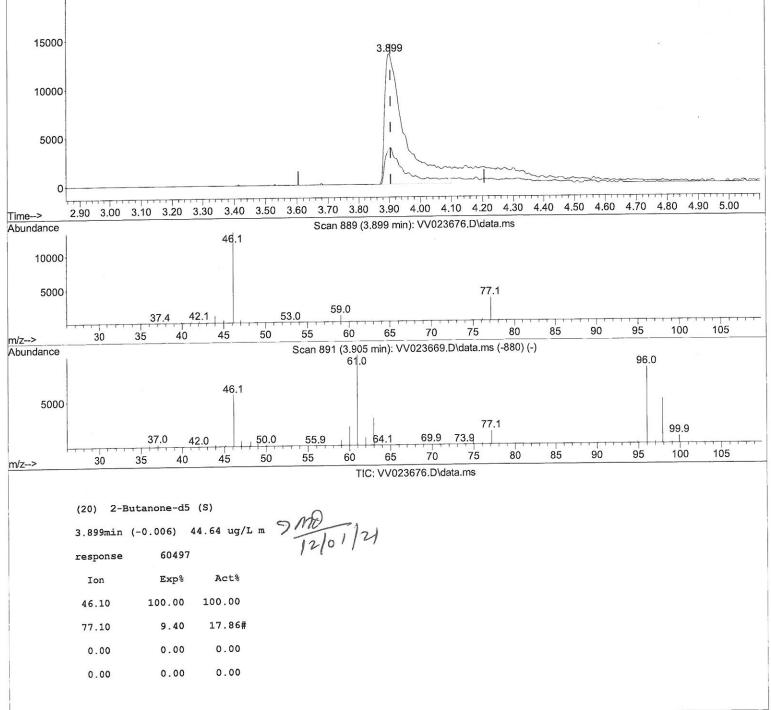
Quantitation Report (Qedit)





Quantitation Report (Qedit)





Quant Time: Nov 24 05:00:14 2021 Reviewed By:John Carlone 11/24/2021   Quant Title : TRACE VOA SFAM1.0 Reviewed By:John Carlone 11/24/2021   Quant Title : TRACE VOA SFAM1.0 Reviewed By:John Carlone 11/24/2021   Quant Title : TRACE VOA SFAM1.0 Reviewed By:John Carlone 11/24/2021   Quant Title : TRACE VOA SFAM1.0 Reviewed By:John Carlone 11/24/2021   Quant Title : TRACE VOA SFAM1.0 Reviewed By:John Carlone 11/24/2021   Response via : Initial Calibration R.T. QION Response Conc Units Dev(Min)   Internal Standards 1   1) 1,4-Difluorobenzene 5.619 114 137326 5.000 ug/L 0.00   28) Chlorobenzene-d5 8.854 117 137419 5.000 ug/L 0.00   28) Chlorobenzene-d4 11.249 152 64276 5.000 ug/L 0.00   System Monitoring Compounds 1.307 65 51568 4.574 ug/L 0.00   4) Vinyl Chloride-d3 1.307 65 51568 4.574 ug/L 0.00   Spiked Amount 5.000 Range 40 - 130 Recovery = 91.400%   7) Chloroethane-d5 1.568 69 40807 4.665 ug/L 0.00 0.00   Spiked Amount 5.000 Range 65 - 130 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 89.280%   24) Chloroform-d
Internal Standards1) 1,4-Difluorobenzene5.6191141373265.000 $ug/L$ 0.0028) Chlorobenzene-d58.8541171374195.000 $ug/L$ 0.0058) 1,4-Dichlorobenzene-d411.249152642765.000 $ug/L$ 0.00System Monitoring Compounds4) Vinyl Chloride-d31.30765515684.574 $ug/L$ 0.00Spiked Amount5.000Range 40 - 130Recovery $=$ 91.400%7) Chloroethane-d51.56869408074.665 $ug/L$ 0.00Spiked Amount5.000Range 65 - 130Recovery $=$ 70.800%10) 1,1-Dichloroethene-d22.1086370373.539 $ug/L$ 0.00Spiked Amount5.000Range 60 - 125Recovery $=$ 70.800%20) 2-Butanone-d53.8994660497m44.640 $ug/L$ 0.00Spiked Amount50.000Range 70 - 125Recovery $=$ 94.200%24) Chloroform-d4.34984924934.712 $ug/L$ 0.00Spiked Amount5.000Range 70 - 125Recovery $=$ 94.200%26) 1,2-Dichloroethane-d45.03465443774.839 $ug/L$ 0.00Spiked Amount5.000Range 70 - 125Recovery $=$ 93.200%32) Benzene-d65.053841745364.663 $ug/L$ 0.00Spiked Amount5.000Range 70 - 125Recovery<
1)1,4-Difluorobenzene5.6191141373265.000 $ug/L$ 0.0028)Chlorobenzene-d58.8541171374195.000 $ug/L$ 0.0058)1,4-Dichlorobenzene-d411.249152642765.000 $ug/L$ 0.00System Monitoring Compounds1.30765515684.574 $ug/L$ 0.00Spiked Amount5.000Range40- 130Recovery=91.400%7)Chloroethane-d51.56869408074.605 $ug/L$ 0.00Spiked Amount5.000Range65- 130Recovery=92.200%11)1,1-Dichloroethene-d22.10863703073.539 $ug/L$ 0.00Spiked Amount5.000Range60- 125Recovery=70.800%20)2-Butanone-d53.8994660497m44.640 $ug/L$ 0.00Spiked Amount5.000Range70- 125Recovery=89.280%24)Chloroform-d4.34984924934.712 $ug/L$ 0.00Spiked Amount5.000Range70- 125Recovery=96.800%32)Benzene-d65.053841745364.663 $ug/L$ 0.00Spiked Amount5.000Range 70- 125Recovery=93.200%32)Benzene-d65.053841745364.663 $ug/L$ 0.00Spik
1)
58) 1,4-Dichlorobenzene-d4 11.249 152 64276 5.000 ug/L 0.00   System Monitoring Compounds 1.307 65 51568 4.574 ug/L 0.00   Spiked Amount 5.000 Range 40 - 130 Recovery = 91.400% 0.00   7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 - 130 Recovery = 92.200% 0.00   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 - 125 Recovery = 70.800% 0.00 7   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7   Spiked Amount 50.000 Range 40 - 130 Recovery = 89.280% 0.00 7 7   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00 7 7 17 17   26) 1, 2-Dichloroethane-d4 5.000 Range 70 - 125 Recovery = 94.200% 0.00 9 17 17 17 17 17 17 17
System Monitoring Compounds   4) Vinyl Chloride-d3 1.307 65 51568 4.574 ug/L 0.00   Spiked Amount 5.000 Range 40 130 Recovery = 91.400%   7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 130 Recovery = 92.200%   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7   Spiked Amount 50.000 Range 40 130 Recovery = 89.280%   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00
4) Vinyl Chloride-d3 1.307 65 51568 4.574 ug/L 0.00   Spiked Amount 5.000 Range 40 130 Recovery = 91.400%   7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 130 Recovery = 92.200%   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7   Spiked Amount 5.000 Range 40 130 Recovery = 89.280%   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00
4) Vinyl Chloride-d3 1.307 65 51568 4.574 ug/L 0.00   Spiked Amount 5.000 Range 40 130 Recovery = 91.400%   7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 130 Recovery = 92.200%   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7   Spiked Amount 5.000 Range 40 130 Recovery = 89.280%   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00
spiked Amount 5.000 Range 40 - 130 Recovery = 91.400%   7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 - 130 Recovery = 92.200% 91.11 1.1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 - 125 Recovery = 70.800% 0.00 70.00 70.00 70.00   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 70.00 70.00   Spiked Amount 50.000 Range 40 - 130 Recovery = 89.280% 0.00 70.00 70.00 70.00   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200% 0.00   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   32) Benzene-d6 5.053 84
7) Chloroethane-d5 1.568 69 40807 4.605 ug/L 0.00   Spiked Amount 5.000 Range 65 130 Recovery = 92.200%   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7 7   Spiked Amount 50.000 Range 40 130 Recovery = 89.280%   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00
Spiked Amount 5.000 Range 65 - 130 Recovery = 92.200%   11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 - 125 Recovery = 70.800% 0.00 7017   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7017   Spiked Amount 50.000 Range 40 - 130 Recovery = 89.280% 0.00 7017   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200% 0.00   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800% 0.00   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200% 0.00 0.00   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
11) 1,1-Dichloroethene-d2 2.108 63 70307 3.539 ug/L 0.00   Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7 7 7   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7
Spiked Amount 5.000 Range 60 125 Recovery = 70.800%   20) 2-Butanone-d5 3.899 46 60497m 44.640 ug/L 0.00 7 7 7 1
Spiked Amount 50.000 Range 40 - 150 Recovery - 05.200 recovery   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
Spiked Amount 50.000 Range 40 - 150 Recovery - 05.200 recovery   24) Chloroform-d 4.349 84 92493 4.712 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
Spiked Amount 5.000 Range 70 - 125 Recovery = 94.200%   26) 1,2-Dichloroethane-d4 5.034 65 44377 4.839 ug/L 0.00   Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
Spiked Amount 5.000 Range 70 - 130 Recovery = 96.800%   32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
32) Benzene-d6 5.053 84 174536 4.663 ug/L 0.00   Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200%   36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
36) 1,2-Dichloropropane-d6 6.069 67 50897 4.850 ug/L 0.00
50, 1, 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Spiked Amount 5.000 Range 60 - 140 Recovery = 97.000%
41) Toluene-d8 7.317 98 153811 4.398 ug/L 0.00
Spiked Amount 5.000 Range 70 - 130 Recovery = 88.000%
43) trans-1,3-Dichloroprop 7.625 79 18483 4.369 ug/L 0.00
Spiked Amount 5.000 Range 55 - 130 Recovery = 87.400%
Spirked Amounter State Manual S
Spiked Amount 5.000 Range 80 - 120 Recovery = 102.800%
Target Compounds Qvalue

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

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