362				Quantitat	ion	Report	(QT/LSC R	evie	ewed)
Acq On : 26 NOV 2021 16:58 Operator : SY/MD Sample : M4821-12DL 10X Misc : 25.0mL/MSVOA_V/WATER ALS Vial : 16 Sample Multiplier: 1								MS <b>Cl</b> i H4	strument : SVOA_V ientSampleId : .665DL Manual IntegrationsAPPROVED
Quant Metho Quant Title QLast Updat	Nov 27 03:54 d : Z:\voasrv : TRACE VOA e : Sat Nov 2 a : Initial C	\HPCHEM1 SFAM1.0 7 03:48:	\MSVC 32 20		I\SFA	AMVTR11	2321WMA.M	C	Reviewed By :John Carlone 11/29/2021 Supervised By :Mahesh Dadoda 11/29/2021
Abundance						TIC: VV	023730.D\data.ms	S	
260000									
250000									
240000								-	
230000							d5,1	<del>l,4-Dichlor</del> obenzene-d4,I	ω
220000							<del>Ghlorobenzene-</del> d5,	Horoben	1.2-Dichlorobenzene-d4,S
210000							hlorob	4-Diet	opens
200000		hene, T			S		٥ 	+	-Dichio
190000		hloroet		7	Toluene-d8,S				5
180000		cis-1,2-Dichloroethene,T	S,S	1,4-Difluorobenzene,I	Tolue	-d5,S			
170000		CIS	Benzene-d6,S	ifluorob	ĩ	2-Hexanone-d5,S			
160000		I	Ben			2-He			
150000		S g	T	hene,T		e T			
140000		2-Butan <del>one d6,S</del>	-94,S-	hloroet					
130000	ne-d2,S	-2-Bute	<mark>-,2-Dichleroethane-44,S</mark>	Tric Je-d6,S					
120000	roether		Dichloro	opropar			-d2,S		
110000	1,1-Dichloroethene-d2,S		1,2-6	Trichloropropane-d6,S			loroethane-d2,S		
100000	÷.			1,2-1			loro		

1,1,2,2-Tetrachloroethane-d2,S

trans-1,3-Dichloropropene-d4,S

Tetrachloroethene, T

8.00

7.00

9.00

3.00

4.00

5.00

6.00

2.00

Methyltærs-bugybethergethene,T

Chloroform-d,S

100000

90000

80000

70000

60000 50000

0

Time-->

Vinyl cNimidle, Moride-d3, S

Chloroethane-d5,S

15.00

14.00

12.00

11.00

10.00

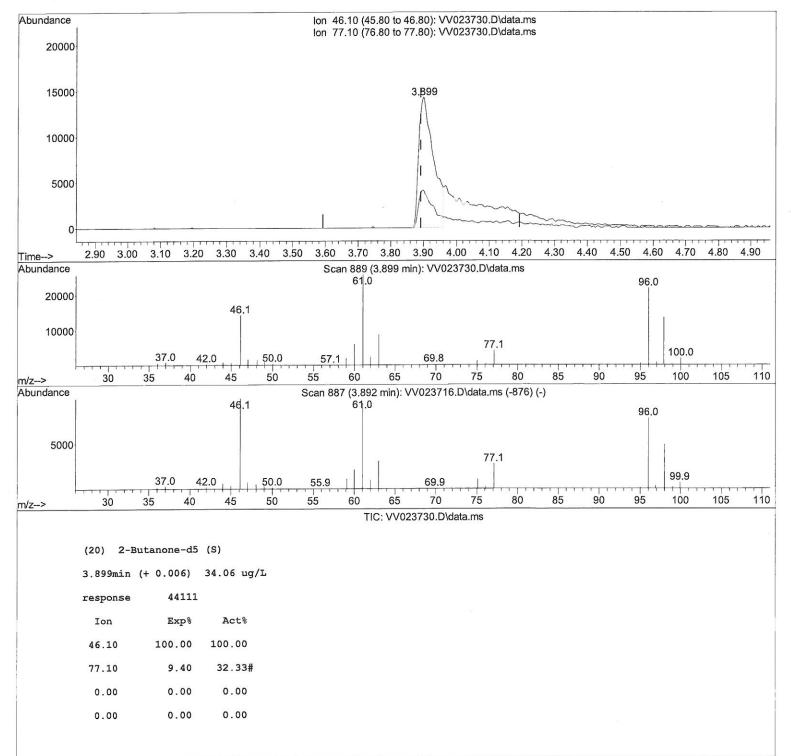
13.00

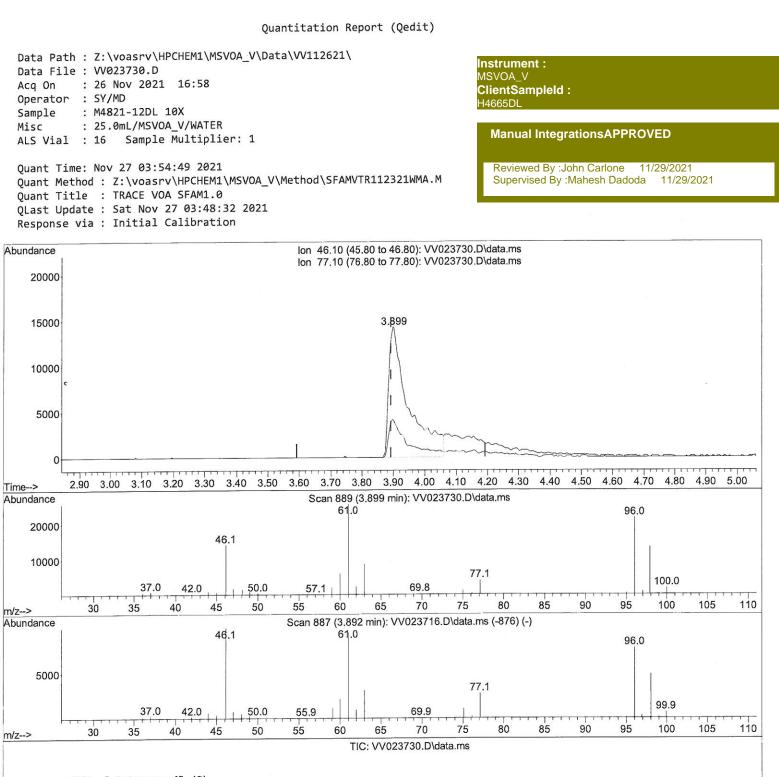
16.00

17.00

Quantitation Report (Qedit)







(20) 2-Butanone-d5 (S) 48.32 ug/L m 3.899min (+ 0.006)

response Ion

46.10

0.00

0.00

62586

Act%

22.79#

0.00

100.00

Exp%

9.40

0.00

0.00

100.00

MO 7 101 T21

Quant Time: Nov 27 03:54:49 2021 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M Quant Title : TRACE VOA SFAM1.0 QLast Update : Sat Nov 27 03:48:32 2021 Response via : Initial Calibration Compound R.T. QIon Response Conc Units Dev(Min) Internal Standards 1) 1,4-Difluorobenzene 5.619 114 131244 5.000 ug/L 0.00 28) Chlorobenzene-d5 8.854 117 125514 5.000 ug/L 0.00 58) 1,4-Dichlorobenzene-d4 11.249 152 60817 5.000 ug/L 0.00 System Monitoring Compounds 4) Vinyl Chloride-d3 1.307 65 31800 2.952 ug/L 0.00 Spiked Amount 5.000 Range 40 - 130 Recovery = 59.000% 7) Chloroethane-d5 1.568 69 29579 3.493 ug/L 0.00 Spiked Amount 5.000 Range 65 - 130 Recovery = 69.800% 11) 1,1-Dichloroethene-d2 2.108 63 44977 2.369 ug/L 0.00 Spiked Amount 5.000 Range 60 - 125 Recovery = 47.400%#	
Internal Standards    1) 1,4-Difluorobenzene  5.619  114  131244  5.000  ug/L  0.00    28) Chlorobenzene-d5  8.854  117  125514  5.000  ug/L  0.00    58) 1,4-Dichlorobenzene-d4  11.249  152  60817  5.000  ug/L  0.00    System Monitoring Compounds    4) Vinyl Chloride-d3  1.307  65  31800  2.952  ug/L  0.00    Spiked Amount  5.000  Range  40 - 130  Recovery  =  59.000%    7) Chloroethane-d5  1.568  69  29579  3.493  ug/L  0.00    Spiked Amount  5.000  Range  65 - 130  Recovery  =  69.800%    11) 1,1-Dichloroethene-d2  2.108  63  44977  2.369  ug/L  0.00	
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1) 1,4-Difluorobenzene 28) Chlorobenzene-d5 58) 1,4-Dichlorobenzene-d4 4) Vinyl Chloride-d3 5.000 58) 1,4-Dichlorobenzene-d4 52) Chlorodenzene-d4 52) 1,249 152 5000 53) 1,4-Dichlorobenzene-d4 52) 1,249 152 5000 53) 1,4-Dichlorobenzene-d4 52) 1,249 152 5000 53) 1,24-Dichlorobenzene-d4 52) 1,249 152 5000 ug/L 5,000 ug/L 5,000 ug/L 5,000 5,000 5,000 7) Chloroethane-d5 5,000 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d2 7) Chloroethane-d5 7) Chloroethane-d5 7) Chloroethane-d5 7) Chloroethane-d2 7) Chloroethane-d	
28) Chlorobenzene-d5  8.854  117  125514  5.000 ug/L  0.00    58) 1,4-Dichlorobenzene-d4  11.249  152  60817  5.000 ug/L  0.00    System Monitoring Compounds    4) Vinyl Chloride-d3  1.307  65  31800  2.952 ug/L  0.00    Spiked Amount  5.000  Range  40 - 130  Recovery  =  59.000%    7) Chloroethane-d5  1.568  69  29579  3.493 ug/L  0.00    Spiked Amount  5.000  Range  65 - 130  Recovery  =  69.800%    11) 1,1-Dichloroethene-d2  2.108  63  44977  2.369 ug/L  0.00	
58) 1,4-Dichlorobenzene-d4  11.249  152  60817  5.000 ug/L  0.00    System Monitoring Compounds	
System Monitoring Compounds    4) Vinyl Chloride-d3  1.307  65  31800  2.952 ug/L  0.00    Spiked Amount  5.000  Range  40 - 130  Recovery  =  59.000%    7) Chloroethane-d5  1.568  69  29579  3.493 ug/L  0.00    Spiked Amount  5.000  Range  65 - 130  Recovery  =  69.800%    11) 1,1-Dichloroethene-d2  2.108  63  44977  2.369 ug/L  0.00	
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4) Vinyl Chloride-d3  1.307  65  31800  2.952 ug/L  0.00    Spiked Amount  5.000  Range  40 - 130  Recovery  =  59.000%    7) Chloroethane-d5  1.568  69  29579  3.493 ug/L  0.00    Spiked Amount  5.000  Range  65 - 130  Recovery  =  69.800%    11) 1,1-Dichloroethene-d2  2.108  63  44977  2.369 ug/L  0.00	
Spiked Amount5.000Range40 - 130Recovery= 59.000%7) Chloroethane-d51.56869295793.493 ug/L0.00Spiked Amount5.000Range65 - 130Recovery= 69.800%11) 1,1-Dichloroethene-d22.10863449772.369 ug/L0.00	
7) Chloroethane-d5 1.568 69 29579 3.493 ug/L 0.00 Spiked Amount 5.000 Range 65 - 130 Recovery = 69.800% 11) 1,1-Dichloroethene-d2 2.108 63 44977 2.369 ug/L 0.00	
Spiked Amount 5.000 Range 65 - 130 Recovery = 69.800% 11) 1,1-Dichloroethene-d2 2.108 63 44977 2.369 ug/L 0.00	
11) 1,1-Dichloroethene-d2 2.108 63 44977 2.369 ug/L 0.00	
Spiked Amounte Stobo hange of 225 haddetely hitteretely	
20) 2-Butanone-d5 3.899 46 62586m 48.321 ug/L 0.00 $M$ Spiked Amount 50.000 Range 40 - 130 Recovery = 96.640% $12/01/24$	
24) Chloroform-d 4.352 84 70570 3.761 ug/L 0.00 72/07/07	
Spiked Amount 5.000 Range 70 - 125 Recovery = 75.200%	
26) 1,2-Dichloroethane-d4 5.034 65 36962 4.217 ug/L 0.00	
Spiked Amount 5.000 Range 70 - 130 Recovery = 84.400%	
32) Benzene-d6 5.050 84 133775 3.913 ug/L 0.00	
Spiked Amount 5.000 Range 70 - 125 Recovery = 78.200%	
36) 1,2-Dichloropropane-d6 6.069 67 41973 4.379 ug/L 0.00	
Spiked Amount 5.000 Range 60 - 140 Recovery = 87.600%	
41) Toluene-d8 7.317 98 111755 3.498 ug/L 0.00	
Spiked Amount 5.000 Range 70 - 130 Recovery = 70.000%	
43) trans-1,3-Dichloroprop 7.625 79 15018 3.887 ug/L 0.00	
Spiked Amount 5.000 Range 55 - 130 Recovery = 77.800%	
46) 2-Hexanone-d5 8.091 63 64318 50.103 ug/L 0.00	
Spiked Amount 50.000 Range 45 - 130 Recovery = 100.200%	
56) 1,1,2,2-Tetrachloroeth 10.217 84 31347 4.545 ug/L 0.00	
Spiked Amount 5.000 Range 65 - 120 Recovery = 90.800%	
66) 1,2-Dichlorobenzene-d4 11.625 152 46828 4.355 ug/L 0.00	
Spiked Amount 5.000 Range 80 - 120 Recovery = 87.200%	
Target Compounds Qvalue	
5) Vinyl chloride 1.310 62 4498 0.396 ug/L 83	
16) Methylene chloride 2.510 84 5325 0.424 ug/L 96	
17) Methyl tert-butyl Ether 2.777 73 1206 0.067 ug/L # 81	
18) trans-1,2-Dichloroethene 2.767 96 8637 0.862 ug/L 88	
22) cis-1,2-Dichloroethene 3.912 96 80930 8.426 ug/L 99	
34) Trichloroethene 5.915 95 41161 4.294 ug/L 96	
47) Tetrachloroethene 7.985 164 1222 0.140 ug/L # 80	

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