Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112621\ Instrument : Data File : VV023737.D /ISVOA\_V : 26 Nov 2021 19:45 LabSampleId : VSTDCCC005EC : VSTDCCC005EC : 25.0mL/MSVOA\_V/WATER

Manual IntegrationsAPPROVED

11/29/2021

11/29/2021

Reviewed By :John Carlone

Supervised By :Mahesh Dadoda

## Quant Time: Nov 27 03:56:17 2021 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M Quant Title : TRACE VOA SFAM1.0 OLast Update : Sat Nov 27 03:48:32 2021 Response via : Initial Calibration

Sample Multiplier: 1

Acq On

Sample

Misc

Operator

ALS Vial

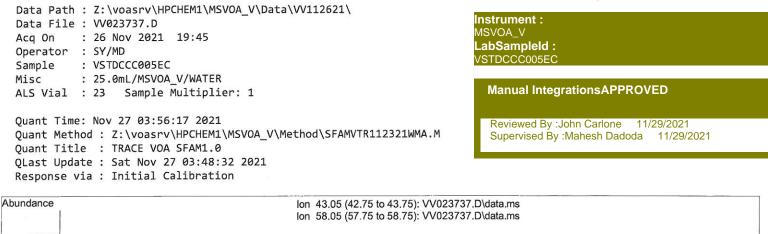
: SY/MD

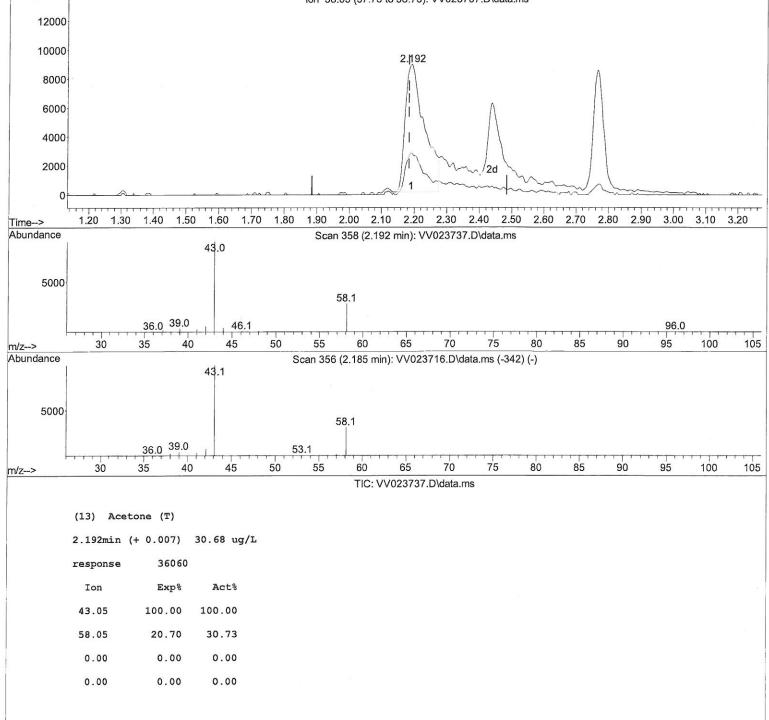
: 23

Abundance TIC: VV023737.D\data.ms 520000 500000 480000 1,2,4-Trimethylbenzene,T 1,3,5-Trimethylbenzene,T 460000 1.1-Dichloroethener,内区路证hiththeeth&内容及正frifluoroethane,T Isopropylbenzene,1 440000 Stynerylene, F 420000 400000 Ethylbenzene,T .2-Dichtp20btdfendbef426ne,7 1,3-Displatehenseenerme-pt4, 4-Methyl-2-pentanone,T Toluene,T 380000 1,3,5-Trichlorobenzene 360000 340000 Chloredagesementerie,T 320000 1,2,4-trichlorobenzene,T Methyl tdrabstyl Eldish broethene, T 300000 ranone-d5,S 2-Hexanone,T 1,2,3-Trichlorobenzene,T 280000 Methylcyclohexane,T oluene-d8. 260000 Trichlorofluoromethane,T Dishleroethane-disensene-d668enzene,T 240000 1,4-Difluorobenzene.l 220000 1.2-Dichlor2-Dichang-d6Sane, T M 0Hrc Carbon disulfide,T Methylene chloride,T 200000 11.1-Trichlegethanane,T Carbon tetrachloride,T 2-Bulanone, 12-Butanone-d5, Sis-1, 2-Dichloroethene, T cis-1,3-Dichloropropene,T 1,2,3-ThidinacoBetpethemethane-tr2,S rans-1,3-Dichloropropeaesd4,5-Dichloropropene 1 1.2-Trichloroethane,T Bromodichloromethane,T 180000 romoethane. Naphthalene Bromochlorometha0640maban,T /inv 1,1-Dichloroethane,T 160000 Chioooka seme and a set of the line. T 140000 1,2-Dibromo-3-chloropropane,T 120000 Bromoform, 100000 80000 60000 Acetone 40000 20000 0 12.00 3.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 13.00 14.00 15.00 16.00 17.00 2.00 4.00 Time-->

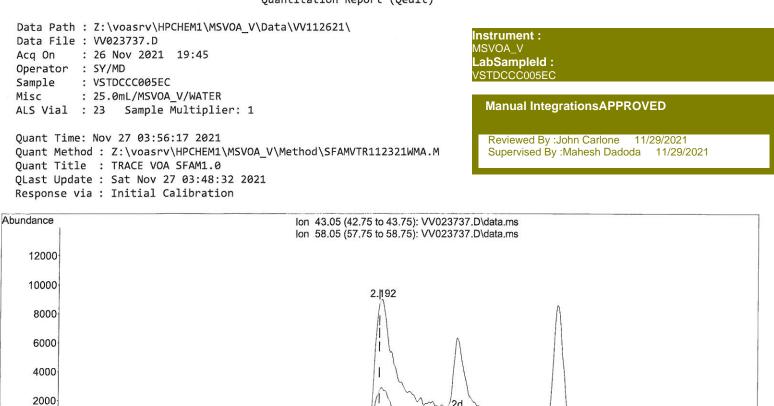
SFAMVTR112321WMA.M Sat Nov 27 05:57:56 2021

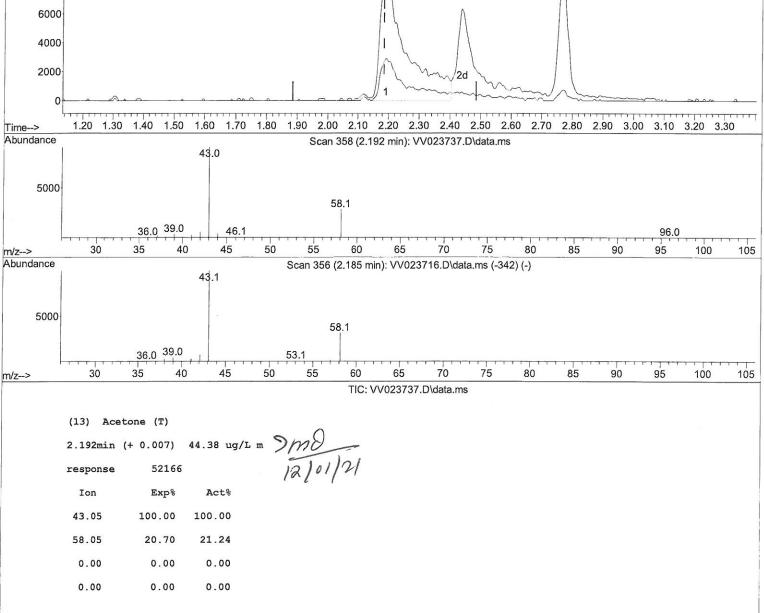
Quantitation Report (Qedit)





Quantitation Report (Qedit)





Data Path : Z:\voasrv\HPCHEM1 Data File : VV023737.D Acq On : 26 Nov 2021 19:4 Operator : SY/MD Sample : VSTDCCC005EC Misc : 25.0mL/MSVOA_V/WA ALS Vial : 23 Sample Multi	5 TER	112621\	Instrument : MSVOA_V LabSampleId : VSTDCCC005EC Manual IntegrationsAPPROVED
Quant Time: Nov 27 03:56:17 20 Quant Method : Z:\voasrv\HPCH Quant Title : TRACE VOA SFAM QLast Update : Sat Nov 27 03:4 Response via : Initial Calibra	EM1\MSVOA_V\Meth 1.0 48:32 2021	od\SFAMVTR112321WMA.M	Reviewed By :John Carlone 11/29/2021 Supervised By :Mahesh Dadoda 11/29/2021
Compound	270	Response Conc Units Dev(	
Internal Standards			
1) 1,4-Difluorobenzene	5.619 114	132376 5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854 117	131658 5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249 152	72891 5.000 ug/L	0.00
System Monitoring Compounds			
<ol><li>Vinyl Chloride-d3</li></ol>	1.307 65	34891 3.211 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130	Recovery = 64.200%	
7) Chloroethane-d5 Spiked Amount 5.000	1.568 69	32488 3.803 ug/L	0.00
Spiked Amount 5.000 11) 1,1-Dichloroethene-d2	Range 65 - 130 2.111 63	Recovery = 76.000% 70750 3.694 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125	Recovery = $73.800\%$	
20) 2-Butanone-d5	3.896 46	62342 47.721 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130	Recovery = 95.440%	
24) Chloroform-d	4.349 84	76541 4.045 ug/L	0.00
	Range 70 - 125	Recovery = $80.800\%$	
26) 1,2-Dichloroethane-d4 Spiked Amount 5.000	5.034 65 Range 70 - 130	40412 4.571 ug/L Recovery = 91.400%	0.00
32) Benzene-d6	5.050 84	149984 4.182 ug/L	0.00
	Range 70 - 125	Recovery = 83.600%	
36) 1,2-Dichloropropane-d6	6.069 67	44760 4.452 ug/L	0.00
· · · · · · · · · · · · · · · · · · ·	Range 60 - 140	Recovery = 89.000%	
41) Toluene-d8	7.317 98	137177 4.094 ug/L	0.00
Spiked Amount 5.000 43) trans-1,3-Dichloroprop	Range 70 - 130 . 7.625 79	Recovery = $81.800\%$	
	. 7.625 79 Range 55 - 130	18485 4.561 ug/L Recovery = 91,200%	0.00
46) 2-Hexanone-d5		80056 59,453 ug/L	0.00
	Range 45 - 130	Recovery = 118.900%	
56) 1,1,2,2-Tetrachloroeth		37785 5.222 ug/L	0.00
	Range 65 - 120	Recovery = $104.400\%$	
66) 1,2-Dichlorobenzene-d4 Spiked Amount 5.000	11.625 152 Range 80 - 120	58969 4.576 ug/L Recovery = 91.600%	0.00
SPIKEd Anount 5:000	Kange 80 - 120		
Target Compounds		Qva	lue
<ol><li>Dichlorodifluoromethane</li></ol>	1.130 85	61062 4.862 ug/L	99
3) Chloromethane	1.240 50	53541 4.904 ug/L	98
5) Vinyl chloride	1.311 62	57425 5.008 ug/L	100
<ul><li>6) Bromomethane</li><li>8) Chloroethane</li></ul>	1.523 94 1.587 64	30123 4.633 ug/L 33924 4.669 ug/L	99 97
9) Trichlorofluoromethane	1.754 101	95077 5.089 ug/L	98
10) 1,1,2-Trichloro-1,2,2		48208 5.149 ug/L	98
12) 1,1-Dichloroethene	2,121 96	46687 5.264 ug/L	95 00
13) Acetone	2.192 43	52166m 44.377 ug/L	Smith
14) Carbon disulfide	2.298 76	145622 4.885 ug/L	100 72/01/21
15) Methyl Acetate 16) Methylene chloride	2.439 43 2.510 84	13356 5.006 ug/L 58853 4.650 ug/L	96 <b>° ° ∕</b> ° 98
17) Methyl tert-butyl Ether	2.510 84	93298 5.133 ug/L	98
18) trans-1,2-Dichloroethene	2.764 96	51276 5.076 ug/L	96
19) 1,1-Dichloroethane	3.191 63	85963 5.061 ug/L	98
21) 2-Butanone	3.986 43	61786 41.527 ug/L #	77
22) cis-1,2-Dichloroethene	3.912 96	51631 5.329 ug/L	95
23) Bromochloromethane	4.253 128	23271 5.118 ug/L	98

SFAMVTR112321WMA.M Sat Nov 27 05:57:54 2021

(QT Reviewed)

Data Path	: Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621	.\
Data File	: VV023737.D	
Acq On	: 26 Nov 2021 19:45	
Operator	: SY/MD	
Sample	: VSTDCCC005EC	
Misc	: 25.0mL/MSVOA_V/WATER	
ALS Vial	: 23 Sample Multiplier: 1	

Instrument: MSVOA\_V LabSampleId : VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/29/2021 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 27 03:56:17 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)

25)	Chloroform	4.378	83	101396	5.358	ug/L	99
27)	1,2-Dichloroethane	5.130	62	52101	5.179	ug/L	97
29)	1,1,1-Trichloroethane	4.609	97	90684	5.271	ug/L	98
30)	Cyclohexane	4.680	56	72630	5.059	ug/L	98
31)	Carbon tetrachloride	4.831	117	82161	5.213	ug/L	98
33)	Benzene	5.101	78	196915	5.246	ug/L	100
34)	Trichloroethene	5.915	95	52299	5.201	ug/L	98
35)	Methylcyclohexane	6.130	83	79931	5.099	ug/L	100
37)	1,2-Dichloropropane	6.175	63	45020	5.046	ug/L	100
38)	Bromodichloromethane	6.510	83	63980	5.284	ug/L	99
39)	cis-1,3-Dichloropropene	7.027	75	65489	5.158	ug/L	100
40)	4-Methyl-2-pentanone	7.227	43	234270	55.005	ug/L	99
42)	Toluene	7.387	91	226147	5.556	ug/L	99
44)	trans-1,3-Dichloropropene	7.651	75	56888	5.331	ug/L	100
45)	1,1,2-Trichloroethane	7.841	97	34613	5.603	ug/L	98
47)	Tetrachloroethene	7.976	164	47071	5.143	ug/L	96
48)	2-Hexanone	8.140	43	173310	55.055	ug/L	98
49)	Dibromochloromethane	8.246	129	45196	5.339	ug/L	97
50)	1,2-Dibromoethane	8.352	107	32563	5.405	ug/L	94
51)	Chlorobenzene	8.883	112	143770	5.327	ug/L	99
52)	Ethylbenzene	9.011	91	230756	5.423	ug/L	99
53)	m,p-xylene	9.137	106	92428	5.458	ug/L	98
54)	o-xylene	9.545	106	89087	5.532	ug/L	98
	Styrene	9.561	104	153494	5.657	ug/L	100
57)	1,1,2,2-Tetrachloroethane	10.243	83	38975	5.670	ug/L	98
59)	Bromoform	9.731	173	25322	5.260	ug/L	98
60)	Isopropylbenzene	9,931	105	238999	5.491	ug/L	100
	1,2,3-Trichloropropane	10.275	75	26616	5.149	0.	98
62)	1,3,5-Trimethylbenzene	10.538	105	196818	5.435		99
63)	1,2,4-Trimethylbenzene	10.915	105	198890	5.553	ug/L	99
64)	1,3-Dichlorobenzene	11.182	146	120314	5.407	ug/L	99
65)	1,4-Dichlorobenzene	11.272	146	119153	5.328	ug/L	99
67)	1,2-Dichlorobenzene	11.641	146	108931	5.349	ug/L	99
68)	1,2-Dibromo-3-chloropr	12.429	75	5436	5.295	ug/L	92
69)	1,3,5-Trichlorobenzene	12.644	180	92483	5.323	ug/L	100
70)	1,2,4-trichlorobenzene	13.262	180	70612	5.238	0.	100
71)	Naphthalene	13.503	128	93930	5.178		100
72)	1,2,3-Trichlorobenzene	13.744	180	61787	5.290	ug/L	100

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