Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021

Response via : Initial Calibration

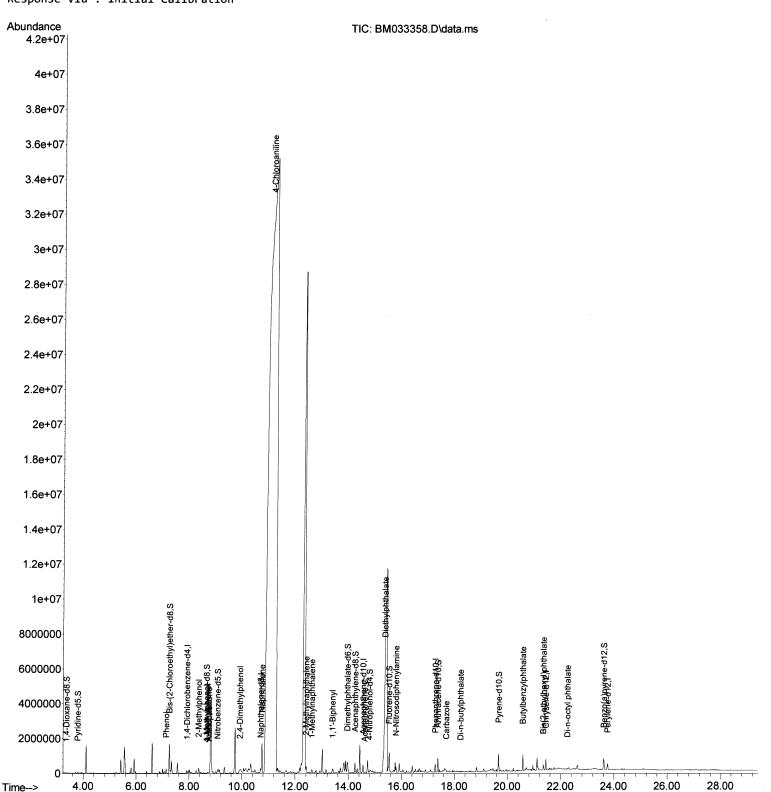


ClientSampleId :

BGKS²

Manual IntegrationsAPPROVED

Reviewed By: Jagrut Upadhyay 12/10/2021 Supervised By: mohammad ahmed 12/15/2021



Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

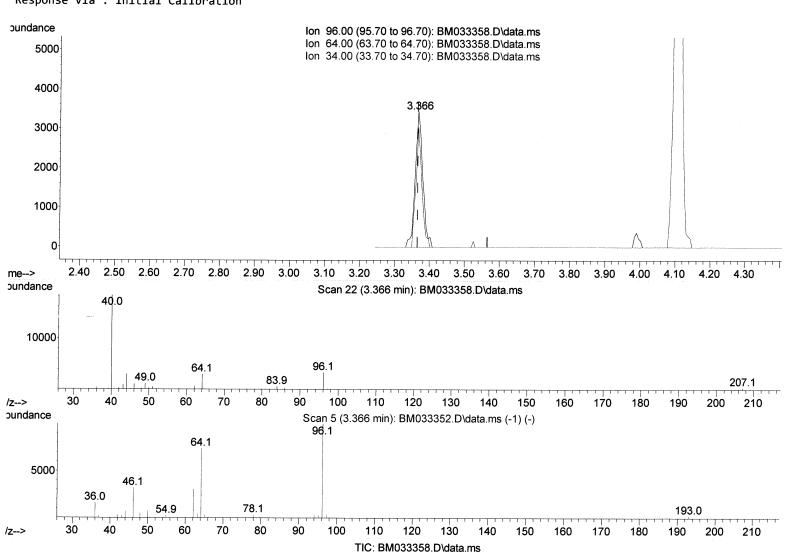
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument:
BNA_M
ClientSampleId:
BGKS4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 4.80 ng/uL

response	5040	
Ion	Ехр%	Act%
96.00	100.00	100.00
64.00	74.20	88.78
34.00	0.00	0.00
0.00	0.00	0.00

Data File : BM033358.D

: 09 Dec 2021 15:00 Acq On

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

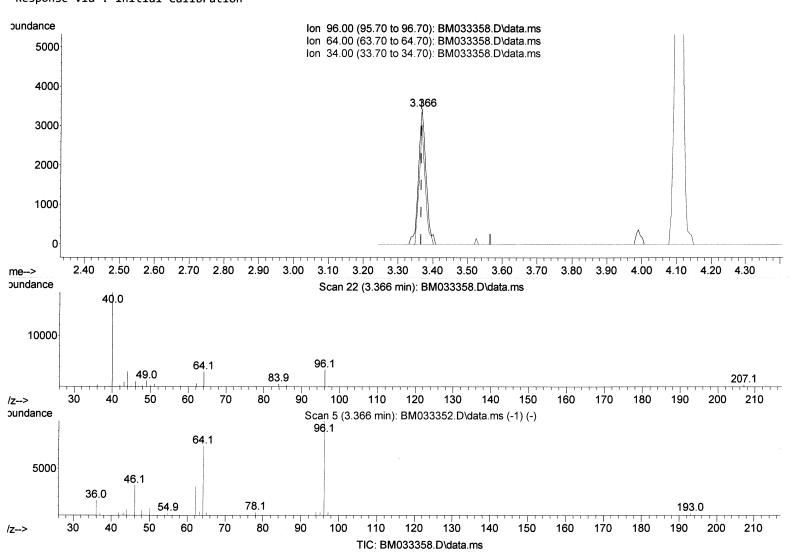
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via: Initial Calibration

Instrument: BNA_M ClientSampleId : BGKS4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(3) 1,4-Dioxane-d8 (S)

(-, -,-		(5)	1 2-1
3.366min	(+ 0.000)	4.93 ng/uL	m 7412/27/21
response	5174		3911
Ion	Exp%	Act%	
96.00	100.00	100.00	
64.00	74.20	88.78	
34.00	0.00	0.00	
0.00	0.00	0.00	

Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

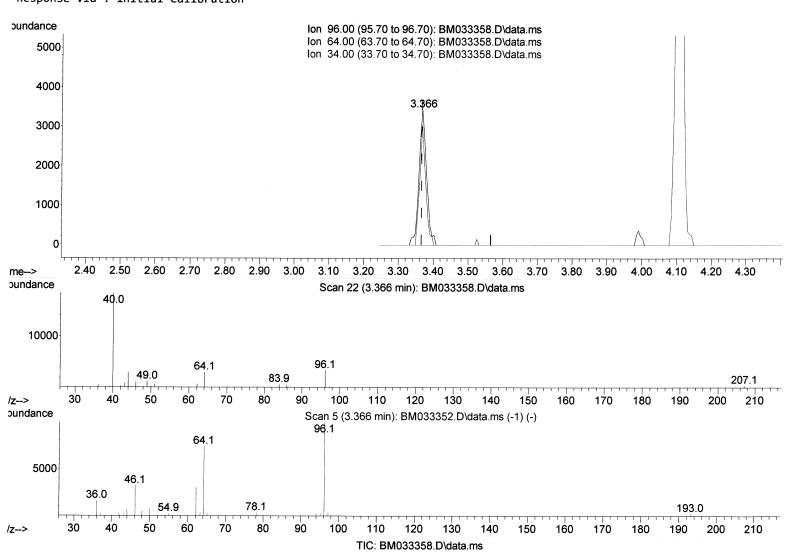
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument : BNA_M ClientSampleId : BGKS4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(3) 1,4-Dioxane-d8 (S)

3.366min	(+ 0.000)	4.93 ng/uL	1412/28/21
response	5174		79(0)
Ion	Exp%	Act%	
96.00	100.00	100.00	
64.00	74.20	88.78	
34.00	0.00	0.00	
0.00	0.00	0.00	

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

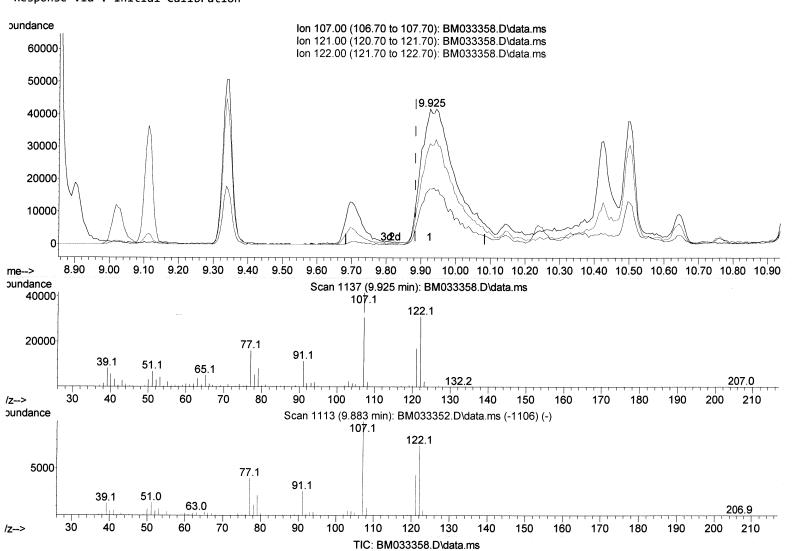
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(26) 2,4-Dimethylphenol

9.925min (+ 0.041) 28.06 ng/ul

response	110814	
Ion	Exp%	Act%
107.00	100.00	100.00
121.00	43.50	41.02
122.00	75.00	74.51
0.00	0.00	0.00

Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

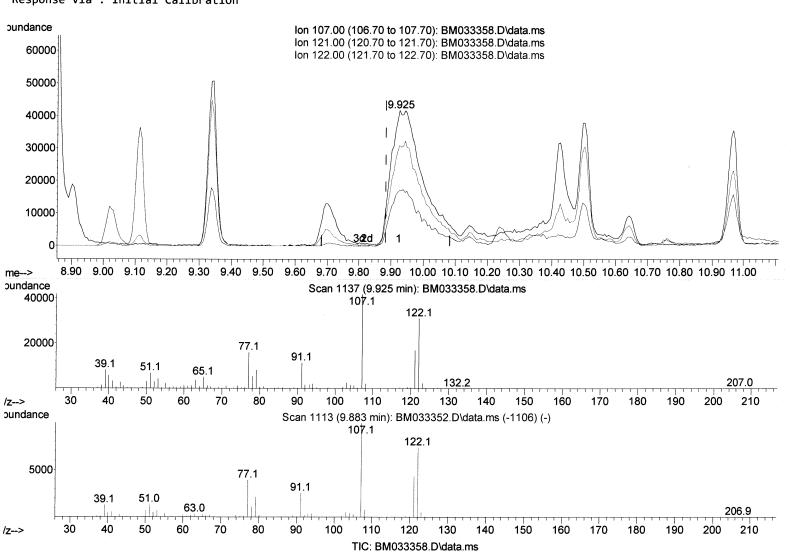
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGKS4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(26) 2,4-Dimethylphenol

9.925min	(+ 0.041)	73.77 ng/u	Te 12/20/21
Ion	291298 Exp%	Act%	~
107.00	100.00	100.00	
121.00	43.50	41.02	
122.00	75.00	74.51	
0.00	0.00	0.00	

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

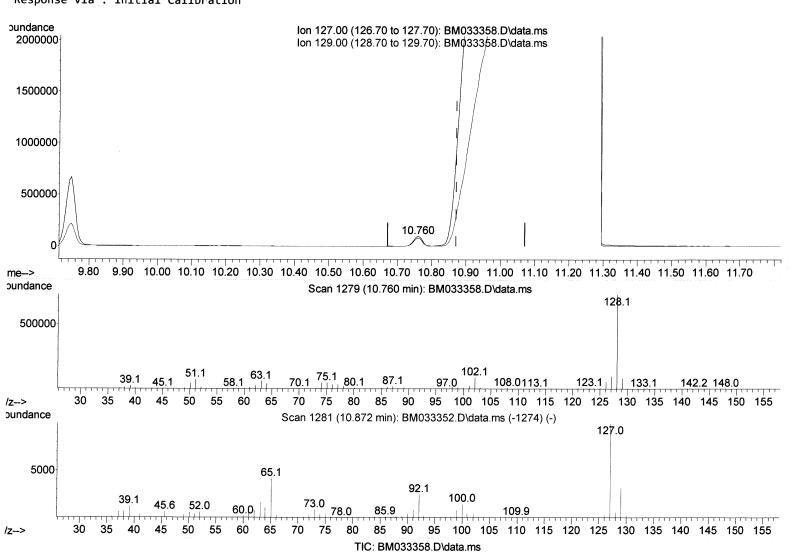
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument : BNA_M ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(32) 4-Chloroaniline

10.760min (-0.112) 39.94 ng/ul

response	172801	
Ion	Ежр%	Act%
127.00	100.00	100.00
129.00	31.70	84.37#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Ouant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

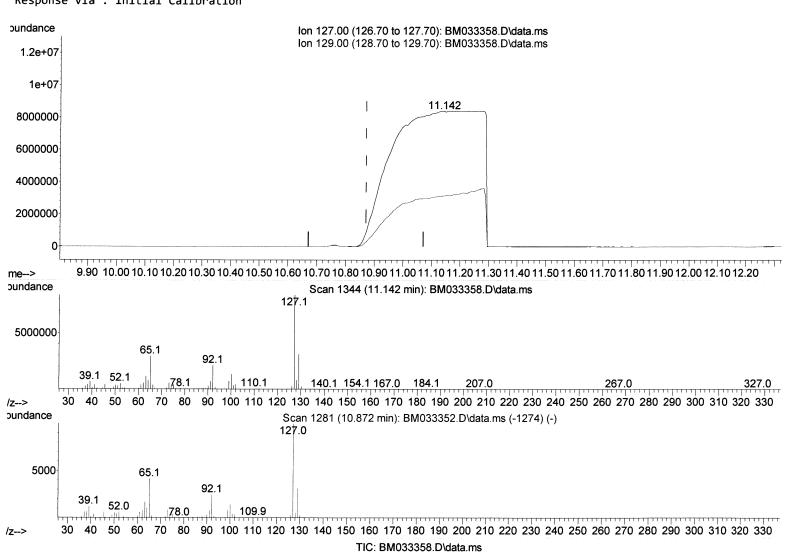
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument : BNA_M ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(32) 4-Chloroaniline

11.142min (+ 0.271) 41791.56 ng/ul 180798211 response Ion Ехр% Act% 127.00 100.00 100.00 129.00 31.70 37.44 0.00 0.00 0.00 0.00 0.00 0.00

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

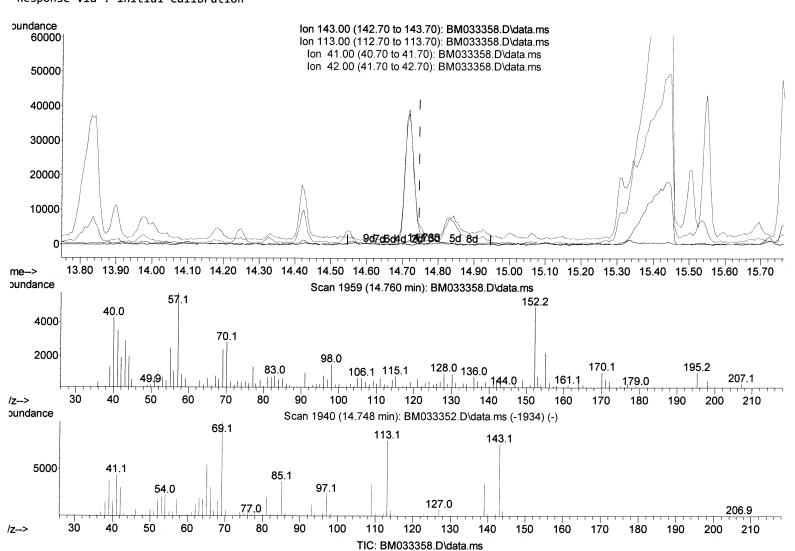
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration



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(54) 4-Nitrophenol-d4 (S)

14.760min (+ 0.012) 0.10 ng/ul

response	173	
Ion	Ехр%	Act%
143.00	100.00	100.00
113.00	105.00	75.63#
41.00	57.20	978.43#
42.00	39.50	531.09#

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

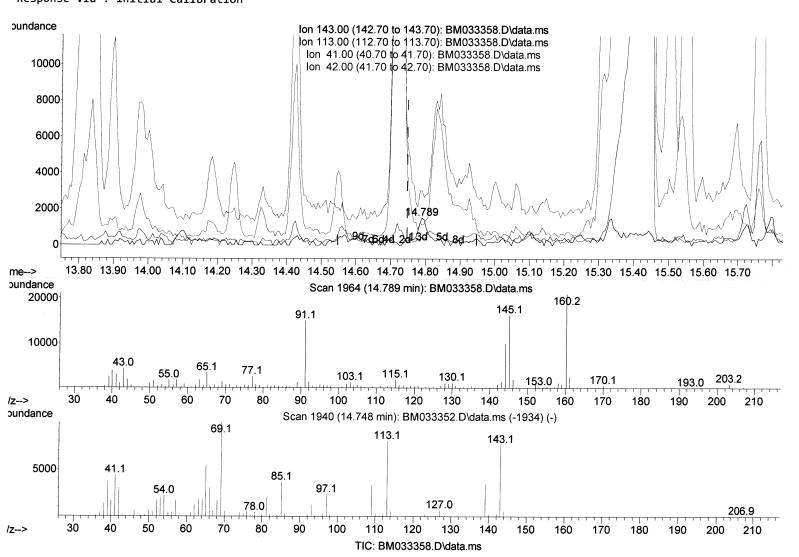
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration



Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(54)4-Nitrophenol-d4 (S)

my 2 20/21 14.789min (+ 0.041) 1.53 ng/ul m response 2660

	2000	
Ion	Ежр%	Act%
143.00	100.00	100.00
113.00	105.00	30.22#
41.00	57.20	199.87#
42.00	39.50	74.39#

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

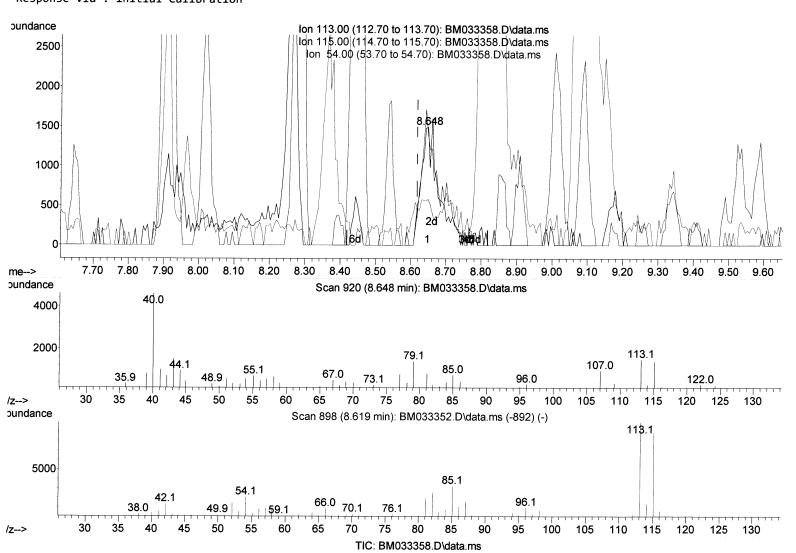
Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

Quant Title : SVOA CALIBRATION QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration Instrument :
BNA_M
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(15) 4-Methylphenol-d8 (S)

8.648min (+ 0.030) 0.90 ng/ul

response	2628	
Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.10	93.03
54.00	20.70	38.81#
0.00	0.00	0.00

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

 $\label{thm:local_power_power_power} \textbf{Quant Method}: Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M$

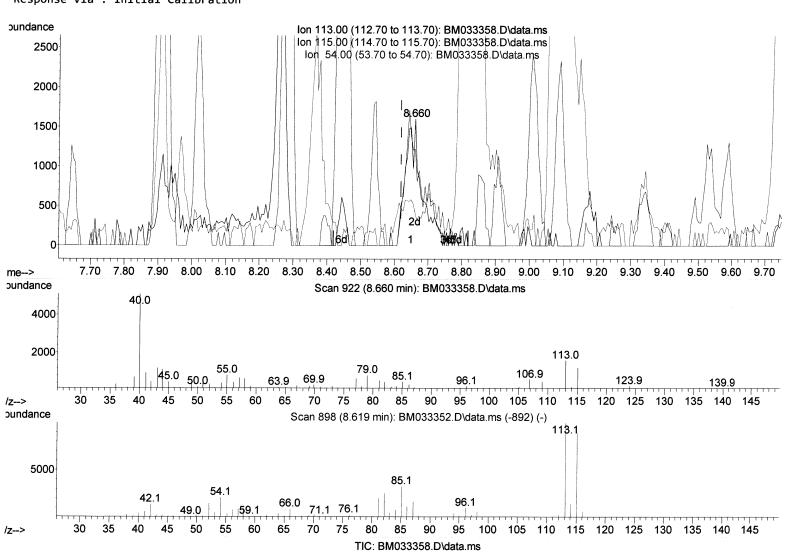
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument : BNA_M ClientSampleId :

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8.660min	(+ 0.041)	1.83 ng/ul	me 12/25/21
response	5348		Jac
Ion	Ехр%	Act%	

	•	
113.00	100.00	100.00
115.00	90.10	76.13
54.00	20.70	25.62#
0.00	0.00	0.00

4-Methylphenol-d8 (S)

(15)

Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

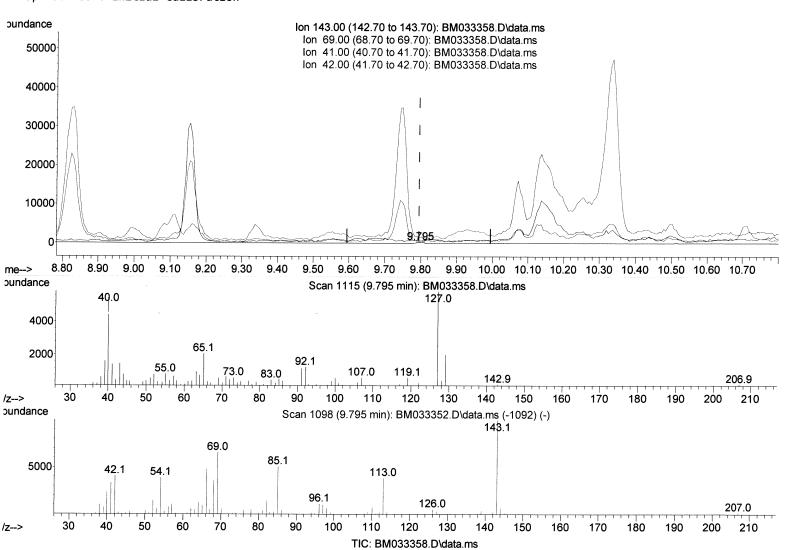
Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(24) 2-Nitrophenol-d4 (S)

9.795min (+ 0.000) 0.14 ng/ul

response	212	
Ion	Exp%	Act%
143.00	100.00	100.00
69.00	66.50	278.24#
41.00	33.60	663.43#
42.00	40.60	230.56#

Data File: BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

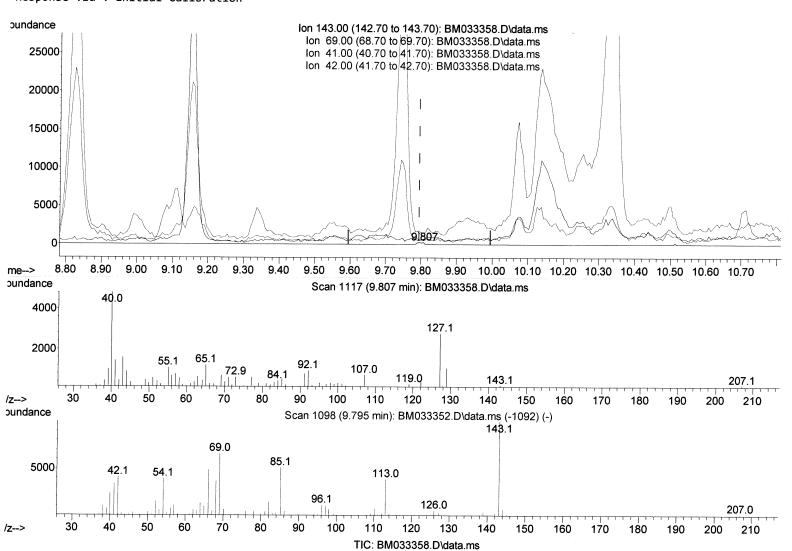
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument : BNA_M ClientSampleld : BGKS4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :mohammad ahmed 12/15/2021



(24) 2-Nitrophenol-d4 (S)

9.807min	(+ 0.012)	0.19 ng/ul	m Ale	Dan 21
response	289		Ja	12/20/21
Ion	Ехр%	Act%		
143.00	100.00	100.00		
69.00	66.50	325.69#		
41.00	33.60	662.39#		
42.00	40.60	212.84#		

Data File : BM033358.D

Acq On : 09 Dec 2021 15:00

Operator : CG/JU
Sample : M4960-11

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 01:14:01 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 13:25:37 2021 Response via : Initial Calibration

Instrument : BNA_M ClientSampleId : BGKS4

Manual IntegrationsAPPROVED

Reviewed By: Jagrut Upadhyay 12/10/2021 Supervised By: mohammad ahmed 12/15/2021

l Standards 4-Dichlorobenzene-d4 ohthalene-d8 enaphthene-d10 enanthrene-d10 rysene-d12 rylene-d12	7.913 10.707 14.548 17.277	152 136 164	39463 184537		ng/ul	0.00
ohthalene-d8 enaphthene-d10 enanthrene-d10 rysene-d12	10.707 14.548 17.277	136			ng/ul	0.00
ohthalene-d8 enaphthene-d10 enanthrene-d10 rysene-d12	10.707 14.548 17.277	136				
enaphthene-d10 enanthrene-d10 rysene-d12	14.548 17.277			20.000	ng/ul	0.00
enanthrene-d10 rysene-d12	17.277		128022		ng/ul	0.01
ysene-d12		188	269906		ng/ul	0.00
	21.436	240	241307		ng/ul	0.00
	23.759	264	226648		ng/ul	0.00
Monitoring Compounds						. 1
I-Dioxane-d8	3.366	96	5174m	1 927	ng/ul	>0.00> J4 12/23/2
ridine-d5	3.790	84	30701	10 083	ng/ul	9 99 19
enol-d5	7.095	99	1150		ng/ul	0.01
(2-Chloroethyl)eth	7.248	67	120584	19 290	ng/ul	0 00
Chlorophenol-d4	7.448	132	307	A 117	ng/ul	9.00
Methylphenol-d8	8.660	113	5348m	1 929	ng/ul	Saar Tr. 12/23/2
robenzene-d5	9.084	128	43602	29.119	ng/ul_	0.04) 04 1
litrophenol-d4	9.807	143	289m	29.119 A 100	ng/ul	201 70 12/23/
-Dichlorophenol-d3	0.000	165	203111	0.100	ng/ui	0.00 0.00 0.04 0.01 0.01 74 12/23/2
hloroaniline-d4	10.819	131	4169	0.000	ng/ul	-0.03
ethylphthalate-d6	13.960	166	310396	32.450	-	-0.03 A A2
naphthylene-d8	14.248	160	381893	32.206		0.02 0.02 0.04 0.04 0.01
itrophenol-d4	14.789	143	2660m		ng/ul	50.02 > TY 12/25
orene-d10	15.536	176	259765			0.04
				30.360	_	0.01
- ·					-	0.00
					_	0.00
					_	0.00 0.00
					_	
ompounds					-	alue
nol	7.125	94			-	93
ethylphenol		108	107223	38.423	ng/ul	97
tophenone		105	38997	8.049	ng/ul	97
ethylphenol	8.707	108	25623			48 7112/23/21
	9.925	107				> 1917 1/
hthalene	10.760	128	1300823	126.494	ng/ul	$\begin{array}{c} > {}^{48} \text{ F4} 2 2 2 2 \\ > {}^{99} \text{ F4} 2 2 2 2 2 2 2 \\ > {}^{99} \text{ F4} 2 2 2 2 2 2 2 \\ > {}^{99} \text{ F4} 2 2 2 2 2 2 2 2 2 $
hloroaniline	11.142	127	180798211m			1> 14111010
ethylnaphthalene	12.407	142	174330	24.997	ng/ul	99
ethylnaphthalene	12.624	142	79589			98
'-Biphenyl	13.395	154	25066			92
naphthene	14.613	153	9431	1.151	ng/ul	93
thylphthalate	15.371	149	248735			91
itrosodiphenylamine	15.795	169	112715	14.203	ng/ul	98
bazole	17.683	167	29423			95
n-butylphthalate	18.230	149	36170			97
ylbenzylphthalate	20.577	149	249798			92
(2-ethylhexyl)phtha	21.342	149	114107			100
n-octyl phthalate	22.247	149	37434			100
hiezo orotetatethitatethitatethi	ol thylphenol ophenone thylphenol Dimethylphenol thalene loroaniline thylnaphthalene thylnaphthalene -Biphenyl aphthene nylphthalate trosodiphenylamine azole -butylphthalate	racene-d10 17.371 ne-d10 19.659 o(a)pyrene-d12 23.612 mpounds ol 7.125 thylphenol 8.366 ophenone 8.760 thylphenol 9.925 thalene 10.760 loroaniline 11.142 thylnaphthalene 12.407 thylnaphthalene 12.624 -Biphenyl 13.395 aphthene 14.613 nylphthalate 15.371 trosodiphenylamine 15.795 azole 17.683 -butylphthalate 20.577 2-ethylhexyl)phtha 21.342	racene-d10 17.371 188 ne-d10 19.659 212 o(a)pyrene-d12 23.612 264 mpounds ol 7.125 94 thylphenol 8.366 108 ophenone 8.760 105 othylphenol 9.925 107 thalene 10.760 128 tloroaniline 11.142 127 thylnaphthalene 12.407 142 thylnaphthalene 12.624 142 elbenzylphthalate 15.371 149 trosodiphenylamine 15.795 169 azole 17.683 167 elbenzylphthalate 20.577 149 2-ethylhexyl)phtha 21.342 149	racene-d10 17.371 188 414197 ne-d10 19.659 212 464988 o(a)pyrene-d12 23.612 264 397466 mpounds ol 7.125 94 60786 thylphenol 8.366 108 107223 ophenone 8.760 105 38997 thylphenol 9.925 107 291298m olimethylphenol 9.925 107 291298m olimethylphenol 11.142 127 180798211m olimethylnaphthalene 12.407 142 174330 thylnaphthalene 12.624 142 79589 olimethylnaphthalene 14.613 153 9431 olimethylphenol 15.371 149 248735 olimethylphenol 15.795 169 112715 olimethylphthalate 18.230 149 36170 olimethylphthalate 20.577 149 249798 olimethylphthalate 20.577 149 249798 olimethylphthalate 21.342 149 114107	racene-d10 17.371 188 414197 31.051 ne-d10 19.659 212 464988 34.478 o(a)pyrene-d12 23.612 264 397466 32.354 mpounds ol 7.125 94 60786 15.792 thylphenol 8.366 108 107223 38.423 ophenone 8.760 105 38997 8.049 thylphenol 9.925 107 291298m 73.765 olimethylphenol 9.925 107 291298m 73.765 thalene 10.760 128 1300823 126.494 loroaniline 11.142 127 180798211m 41791.56 thylnaphthalene 12.407 142 174330 24.997 thylnaphthalene 12.624 142 79589 10.981 elbhenyl 13.395 154 25066 2.559 aphthene 14.613 153 9431 1.151 apylphthalate 15.371 149 248735 25.233 trosodiphenylamine 15.795 169 112715 14.203 azole 17.683 167 29423 2.062 ebutylphthalate 20.577 149 249798 39.185 elbenzylphthalate 20.577 149 249798 39.185 elbenzylphthalate 20.577 149 249798 39.185	racene-d10 17.371 188 414197 31.051 ng/ul ne-d10 19.659 212 464988 34.478 ng/ul o(a)pyrene-d12 23.612 264 397466 32.354 ng/ul mpounds Qv ol 7.125 94 60786 15.792 ng/ul thylphenol 8.366 108 107223 38.423 ng/ul ophenone 8.760 105 38997 8.049 ng/ul thylphenol 8.707 108 25623 8.392 ng/ul# Dimethylphenol 9.925 107 291298m 73.765 ng/ul thalene 10.760 128 1300823 126.494 ng/ul loroaniline 11.142 127 180798211m 41791.565 ng/ul thylnaphthalene 12.407 142 174330 24.997 ng/ul thylnaphthalene 12.624 142 79589 10.981 ng/ul thylnaphthalene 12.624 142 79589 10.981 ng/ul aphthene 14.613 153 9431 1.151 ng/ul aphthene 15.371 149 248735 25.233 ng/ul# trosodiphenylamine 15.795 169 112715 14.203 ng/ul acole 17.683 167 29423 2.062 ng/ul butylphthalate 18.230 149 36170 2.259 ng/ul benzylphthalate 20.577 149 249798 39.185 ng/ul 2-ethylhexyl)phtha 21.342 149 114107 12.454 ng/ul

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