Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\

Data File : BG051446.D

Acq On : 10 Dec 2021 00:52

Operator : CG/JU

Sample : M4938-07 10X

Misc

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 10 04:15:59 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION

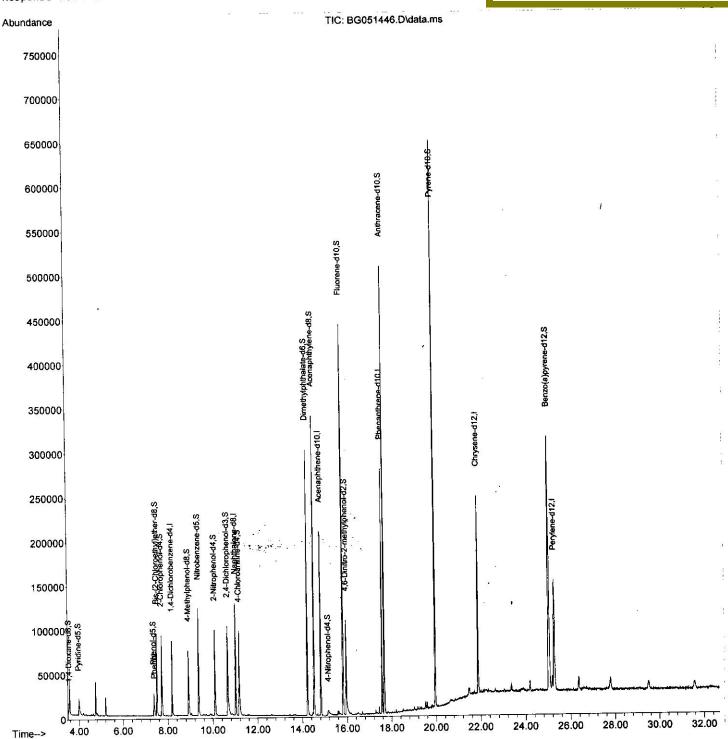
QLast Update : Thu Dec 09 03:21:41 2021

Response via: Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :Yogesh Patel 12/15/2021



SFAM-EPA-BG120821.M Wed Dec 22 02:05:41 2021

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\

Data File : BG051446.D

Acq On : 10 Dec 2021 00:52

Operator : CG/JU

Sample : M4938-07 10X

Misc

ALS Vial : 22 Sample Multiplier: 1

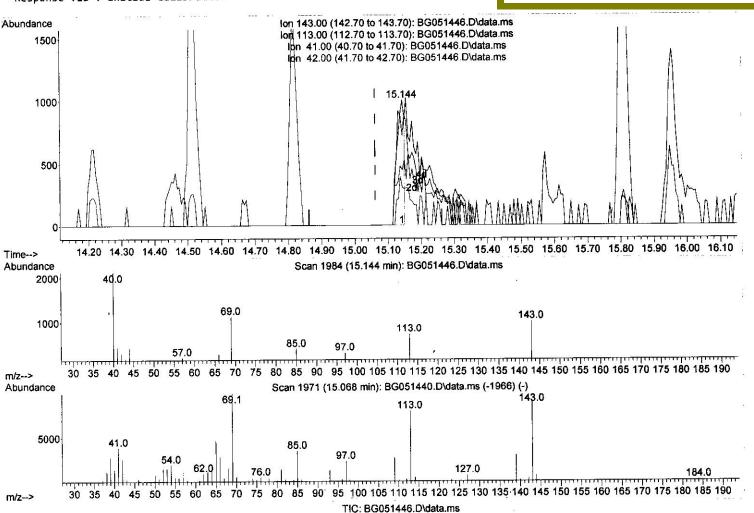
Quant Time: Dec 22 02:04:29 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION QLast Update : Thu Dec 09 03:21:41 2021 Response via : Initial Calibration Instrument :
BNA_G
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :Yogesh Patel 12/15/2021



(54) 4-Nitrophenol-d4 (S)

15.144min (+ 0.081) 1.84 ng/ul

response	1613	
Ion	Exp%	Act*
143.00	100.00	100.00
113.00	80.30	72.20
41.00	44.40	44.50
42.00	29.70	30.30

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\

Data File : BG051446.D

: 10 Dec 2021 00:52 Acq On

: CG/JU Operator

: M4938-07 10X Sample

Misc

m/z-->

Sample Multiplier: 1 : 22 ALS Vial

Quant Time: Dec 10 04:15:59 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION

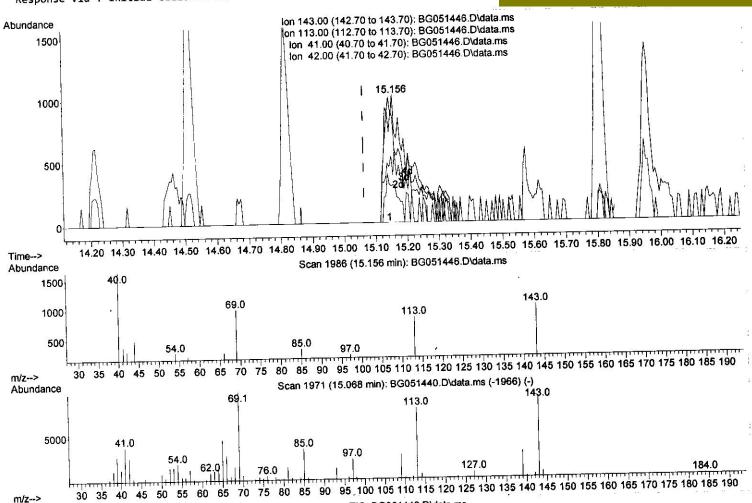
QLast Update : Thu Dec 09 03:21:41 2021

Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :Yogesh Patel 12/15/2021



TIC: BG051446.D\data.ms

4-Nitrophenol-d4 (S) 1 - F - DU 12 101 51 15.156min (+ 0.093) 5.54 ng/ul m }

response	4857			
Ion	Ежрв	Act*		
143.00	100.00	100.00		
113.00	80.30	81.42		
41.00	44.40	36.48		
42.00	29.70	29.70		

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\

Data File : BG051446.D

: 10 Dec 2021 00:52 Acq On

Operator : CG/JU : M4938-07 10X Sample

Misc

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 10 04:15:59 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION QLast Update : Thu Dec 09 03:21:41 2021 Response via : Initial Calibration

Internal Standards 1) 1,4-Dichlorobenzene-d4	Compound	R.T.	QIon	Response	Conc Unit	s Dev(Min)		
1) 1,4-Dichlorobenzene-d4 8.181 152 24753 20.000 ng/ul 0.00 20) Naphthalene-d8 11.013 136 109118 20.000 ng/ul 0.00 38) Acenaphthene-d10 14.815 164 75198 20.000 ng/ul 0.00 64) Phenanthrene-d10 17.570 188 167779 20.000 ng/ul 0.00 79) Chrysene-d12 21.871 240 153718 20.000 ng/ul 0.00 88) Perylene-d12 25.267 264 141911 20.000 ng/ul 0.00 88) Perylene-d12 25.267 264 141911 20.000 ng/ul 0.00 90 90 90 90 90 90 90 90 90 90 90 90 9						5865 Bi			
1) 1,4-Dichlorobenzene-d4		0.404	453	24752	20 000 n	a/u1	0.00		
38) Acenaphthene-d10						70			
38) Acenaphthene-dlo 17.570 188 167779 20.000 ng/ul 0.00 79) Chrysene-dl2 21.871 240 153718 20.000 ng/ul 0.00 88) Perylene-dl2 25.267 264 141911 20.000 ng/ul 0.00 System Monitoring Compounds 3) 1,4-Dioxane-d8 3.534 96 1857 2.464 ng/ul 0.00 4) Pyridine-d5 3.986 84 12629 5.835 ng/ul 0.02 7) Phenol-d5 7.377 99 19105 7.582 ng/ul 0.02 9) Bis-(2-Chloroethyl)eth 7.500 67 50577 31.298 ng/ul 0.00 11) 2-Chlorophenol-d4 7.723 132 45060 25.134 ng/ul 0.00 11) 2-Chlorophenol-d8 8.916 113 34128 17.240 ng/ul 0.00 15) 4-Methylphenol-d8 8.916 113 34128 17.240 ng/ul 0.00 21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 40) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 40) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 73) Anthracene-d10 19.950 212 365797 39.591 ng/ul 0.00 92 Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Qvalue									
79) Chrysene-d12 21.871 240 153718 20.000 ng/ul 0.00 88) Perylene-d12 25.267 264 141911 20.000 ng/ul 0.00 System Monitoring Compounds 3.534 96 1857 2.464 ng/ul 0.00 4) Pyridine-d5 3.986 84 12629 5.835 ng/ul 0.02 7) Phenol-d5 7.377 99 19105 7.582 ng/ul 0.02 9) Bis-(2-Chloroethyl)eth 7.500 67 50577 31.298 ng/ul 0.00 11) 2-Chlorophenol-d4 7.723 132 45060 25.134 ng/ul 0.00 11) 2-Chlorophenol-d8 8.916 113 34128 17.240 ng/ul 0.00 15) 4-Methylphenol-d8 8.916 113 34128 17.240 ng/ul 0.00 21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.808 176 182272 35.189 ng/ul 0.00 54) 4-Nitrophenol-d4 15.808 176 182272 35.189 ng/ul 0.00 73) Anthracene-d10 15.808 176 182272 36.624 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92 Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 92 Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 92 Parget Compounds	38) Acenaphthene-d10					<u>~</u> :			
System Monitoring Compounds 3	64) Phenanthrene-d10								
System Monitoring Compounds 3) 1,4-Dioxane-d8 4) Pyridine-d5 7, 377 99 19105 7, 582 ng/ul 0.00 1) 2-Chloroethyl)eth 7, 500 67 67 67 67 67 67 67 67 67	79) Chrysene-d12		70-30-300-300						
3) 1,4-Dioxane-d8 4) Pyridine-d5 7) Phenol-d5 7) Phenol-d5 7) Phenol-d5 7) Bis-(2-Chloroethyl)eth 7,500 7) Formula	88) Perylene-d12	25.267	264	141911	20.000 n	g/ur	0.00		
3) 1,4-Dioxane-d8 4) Pyridine-d5 7) Phenol-d5 7) Phenol-d5 7) Phenol-d5 7) Bis-(2-Chloroethyl)eth 7,500 7) Formula	System Monitoring Compounds								
4) Pyridine-d5		3.534	96						
7) Phenol-d5 9) Bis-(2-Chloroethyl)eth 7.500 67 50577 31.298 ng/ul 0.00 11) 2-Chlorophenol-d4 7.723 132 45060 25.134 ng/ul 0.00 15) 4-Methylphenol-d8 8.916 113 34128 17.240 ng/ul 0.00 21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 46) Dimethylphthalate-d6 14.216 166 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00		3.986	84	-					
9) Bis-(2-Chloroethyl)eth 7.500 67 50577 31.298 ng/ul 6.00 11) 2-Chlorophenol-d4 7.723 132 45060 25.134 ng/ul 0.00 15) 4-Methylphenol-d8 8.916 113 34128 17.240 ng/ul 0.00 21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 46) Dimethylphthalate-d6 14.216 166 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 0.09 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Cyalue		7.377	99	19105					
11) 2-Chlorophenol-d4 7.723 132 45660 25.134 ng/ul 0.00 15) 4-Methylphenol-d8 8.916 113 34128 17.240 ng/ul 0.00 21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 46) Dimethylphthalate-d6 14.216 166 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Cyalue	9) Bis-(2-Chloroethyl)eth	7.500	67	50577					
15) 4-Methylphenol-d8		7.723	132	45060					
21) Nitrobenzene-d5 9.368 128 31019 32.770 ng/ul 0.00 24) 2-Nitrophenol-d4 10.097 143 33336 31.123 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 10.655 165 52063 29.878 ng/ul 0.00 31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 0.00 46) Dimethylphthalate-d6 14.216 166 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 0.09 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 81) Pyrene-d10 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds		8.916	113	34128					
24) 2-Nitrophenol-d4	21) Nitrobenzene-d5	9.368	128	31019					
28) 2,4-Dichlorophenol-d3		10.097	143	33336					
31) 4-Chloroaniline-d4 11.166 131 65611 25.743 ng/ul 6.66 46) Dimethylphthalate-d6 14.216 166 205435 35.306 ng/ul 0.00 49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 0.09 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds	28) 2.4-Dichlorophenol-d3	10.655	165	52063					
46) Dimethylphthalate-d6 49) Acenaphthylene-d8 41.515 160 252347 34.242 ng/ul 0.00 54) 4-Nitrophenol-d4 15.156 143 4857m 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Qvalue Target Compounds		11.166	131	65611		•			
49) Acenaphthylene-d8 14.515 160 252347 34.242 ng/ul 6.60 54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 0.09 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds		14.216	166	205435					
54) 4-Nitrophenol-d4 15.156 143 4857m 5.544 ng/ul 6.69 60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds Qvalue	49) Acenaphthylene-d8	14.515	160						
60) Fluorene-d10 15.808 176 182272 35.189 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Qvalue		15,156	143	4857m	5.544	ng/ul	0.09		
65) 4,6-Dinitro-2-methylph 15.955 200 30532 30.624 ng/ul 0.00 73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds Qvalue		15.808	176	182272	35.189	ng/ụl			
73) Anthracene-d10 17.670 188 311990 39.742 ng/ul 0.00 81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Qvalue				30532	30.624	ng/ul	0.00		
81) Pyrene-d10 19.950 212 365797 39.591 ng/ul 0.00 92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Qvalue		17.670	188	311990	39.742	ng/ul	0.00		
92) Benzo(a)pyrene-d12 25.032 264 309954 42.346 ng/ul 0.00 Target Compounds Qvalue		200-00-000-00-00-00-00-00-00-00-00-00-00			the experience transfer-	ng/ul	0.00		
Target Compounds Qvalue		76			42.346	ng/ul	0.00		
Target Compounds - 100 of 2000 1 A20 ng/ul 92	92) Belizo(a)pyrene-uiz					300			
co o4 3/63 1 830 87/11 4/	Tanget Compounds	Qvalue Qvalue							
		7.400	94	2653	1.029	ng/ul	92		

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

Instrument: BNA_G ClientSampleId:

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021 Supervised By :Yogesh Patel 12/15/2021