Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

8 Dec 2021 3:30 Acq On

CG/JU Operator SSTDCCC020 Sample

Misc

Sample Multiplier: 1 : 59 ALS Vial

Ouant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

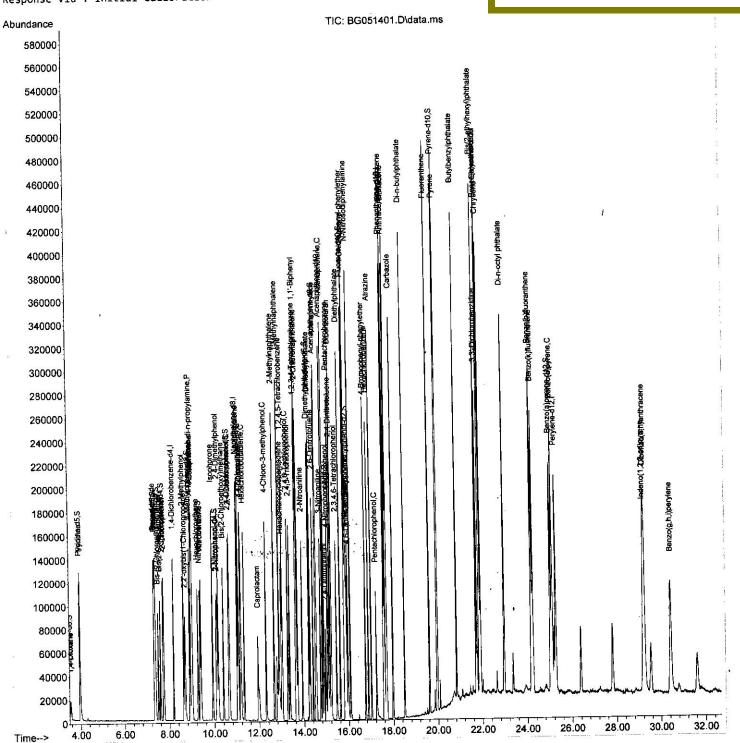
Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration



#### Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By:mohammad ahmed 12/15/2021



Page: 3

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

3:30 8 Dec 2021 Acq On

: CG/3U Operator 0 0 1 : SSTDCCC020 Sample

Misc

Sample Multiplier: 1 : 59 ALS Vial

Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

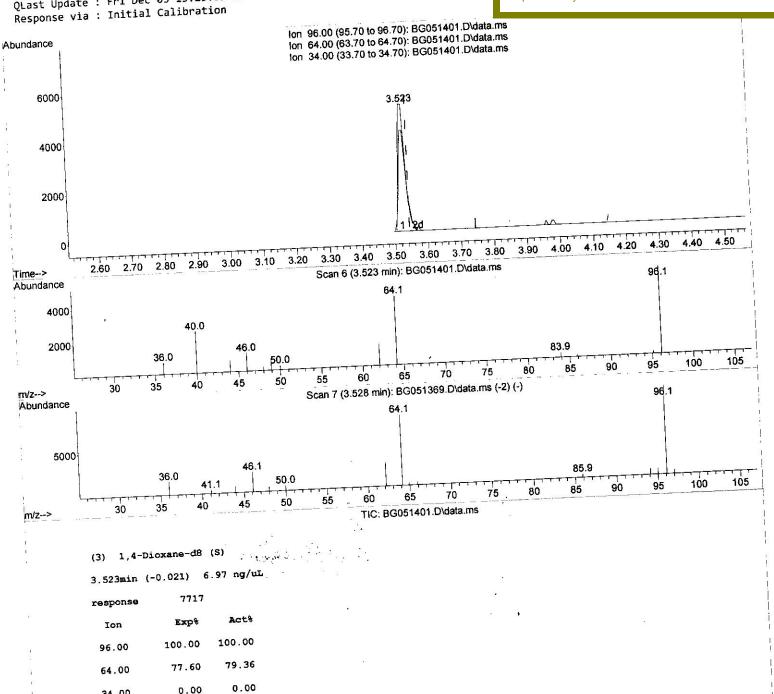
Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021



## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By:mohammad ahmed 12/15/2021



0.00

0.00

34.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

3:30 8 Dec 2021 Acq On

: CG/JU Operator : SSTDCCC020 Sample

Misc ALS Vial

Sample Multiplier: 1 : 59

Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

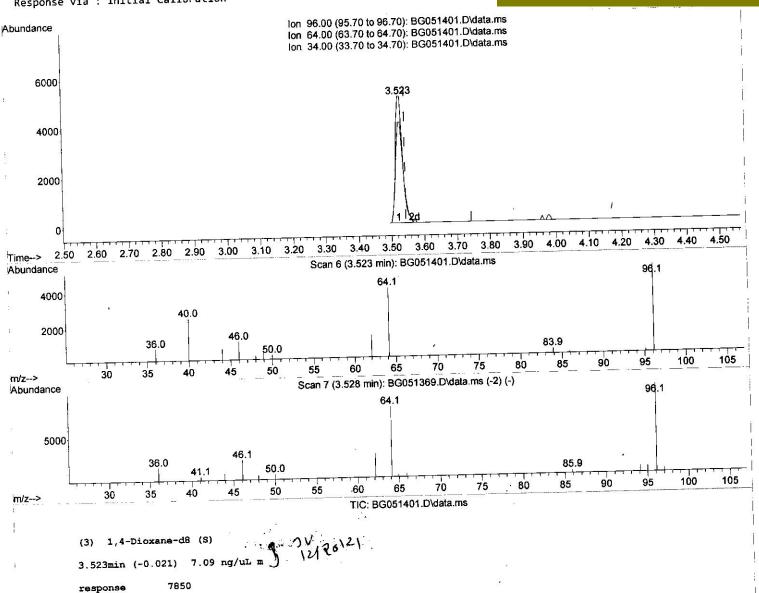
Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration

Instrument: BNA\_G LabSampleId: SSTDCCC020

#### Manual IntegrationsAPPROVED

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Expt

100.00

77.60

0.00

0.00

Ion

96.00

64.00

34.00

0.00

Act&

100.00

79.36

0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

3:30 8 Dec 2021 Acq On

: CG/JU Operator : SSTDCCC020 Sample

Misc

: 59 Sample Multiplier: 1 ALS Vial

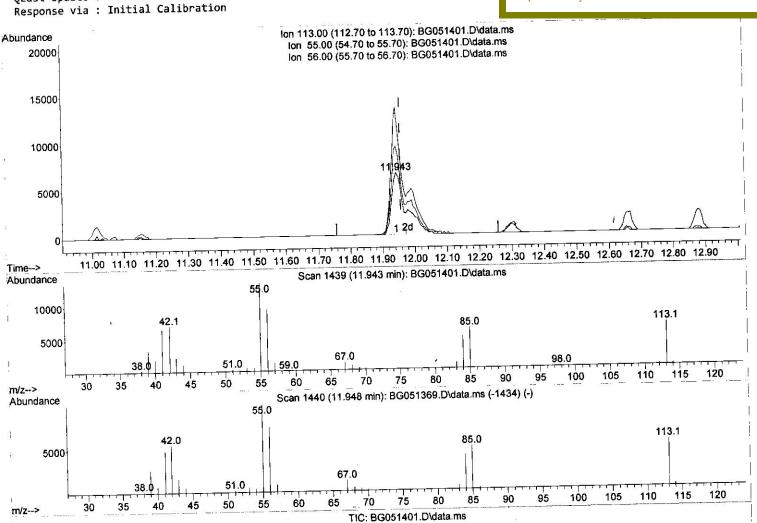
Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION QLast Update : Fri Dec 03 15:23:09 2021 Instrument: BNA\_G **LabSampleld**: SSTDCCC020

#### Manual IntegrationsAPPROVED

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#### Caprolactam (34)

11.943min (-0.014) 13.65 ng/ul

response	14571	
Ion	Ежрв	Act%
113.00	100.00	100.00
55.00	183.80	204.46
56.00	136.50	142.48
0.00	0.00	0.00

Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

: 8 Dec 2021 3:30 Acq On

Operator : CG/JU : SSTDCCC020 Sample

Misc ALS Vial

Sample Multiplier: 1 : 59

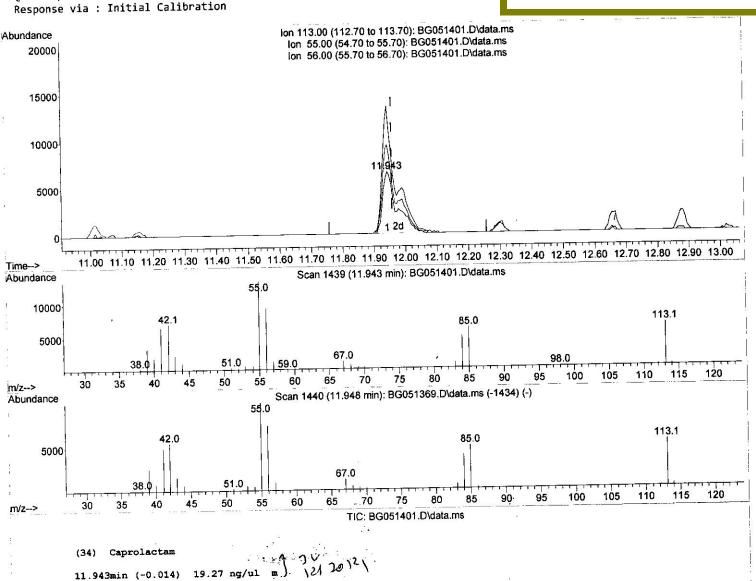
Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION QLast Update : Fri Dec 03 15:23:09 2021 Instrument: BNA\_G **LabSampleld**: SSTDCCC020

#### Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By :mohammad ahmed 12/15/2021



11.943min (-0.014) 19.27 ng/ul m.).

20570				
Expt	Act%			
100.00	100.00			
183.80	204.46			
136.50	142.48			
0.00	0.00			
	Exp% 100.00 183.80 136.50			

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

3:30 : 8 Dec 2021 Acq On

: CG/JU Operator : SSTDCCC020 Sample

Misc

Sample Multiplier: 1 : 59 ALS Vial

Quant Time: Dec 08 06:30:13 2021

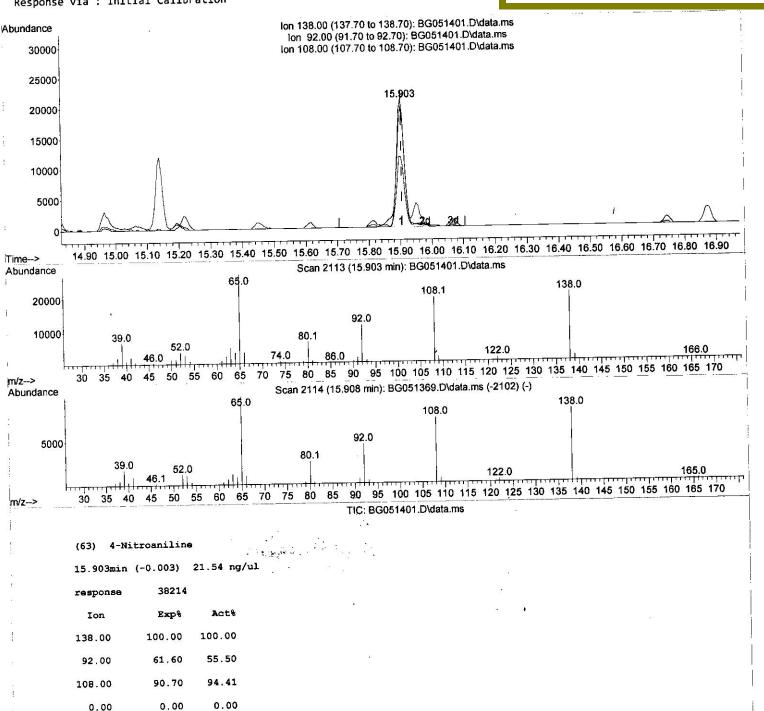
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration

Instrument: BNA\_G LabSampleId : SSTDCCC020

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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

3:30 8 Dec 2021 Acq On

: CG/JU Operator : SSTDCCC020 Sample

Misc

Sample Multiplier: 1 : 59 ALS Vial

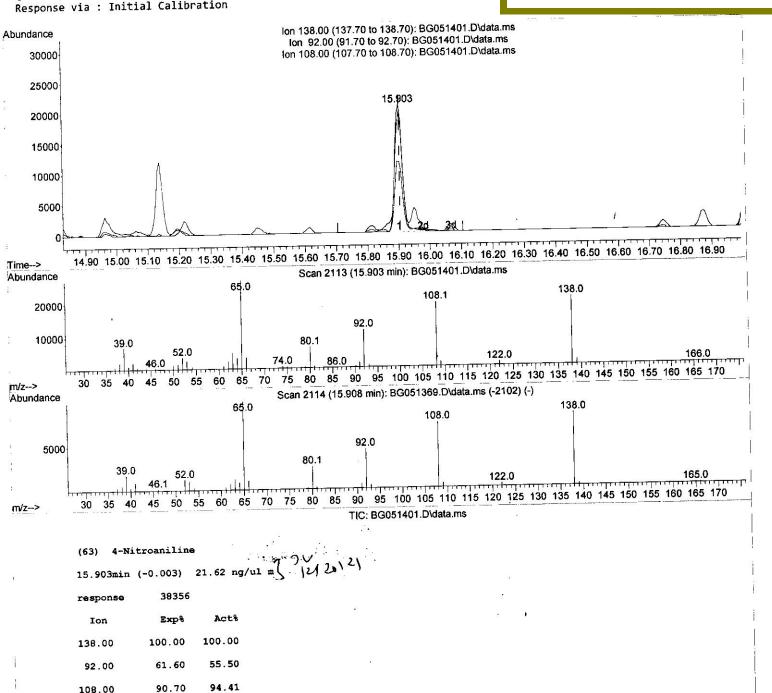
Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION QLast Update : Fri Dec 03 15:23:09 2021 Instrument: BNA\_G LabSampleId : SSTDCCC020

#### Manual IntegrationsAPPROVED

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0.00

0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

: 8 Dec 2021 3:30 Acq On

Operator : CG/JU : SSTDCCC020 Sample

Misc

Sample Multiplier: 1 ALS Vial : 59

Quant Time: Dec 08 06:30:13 2021

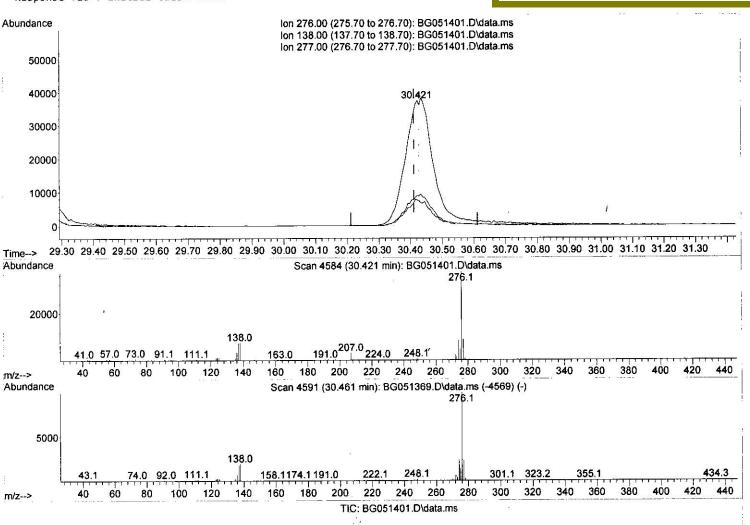
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION QLast Update : Fri Dec 03 15:23:09 2021 Response via: Initial Calibration

Instrument: BNA\_G LabSampleId: SSTDCCC020

#### Manual IntegrationsAPPROVED

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#### (96) Benzo(g,h,i)perylene

1. 18. 18. 10. 30.421min (+ 0.009) 9.34 ng/ul

response	115027			
Ion	Ежрв	Act*		
276.00	100.00	100.00		
138.00	20.70	20.22		
277.00	22.00	23.68		
0.00	0.00	0.00		

Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

Acq On : 8 Dec 2021 3:30

Operator : CG/JU Sample : SSTDCCC020

Misc

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 08 06:30:13 2021

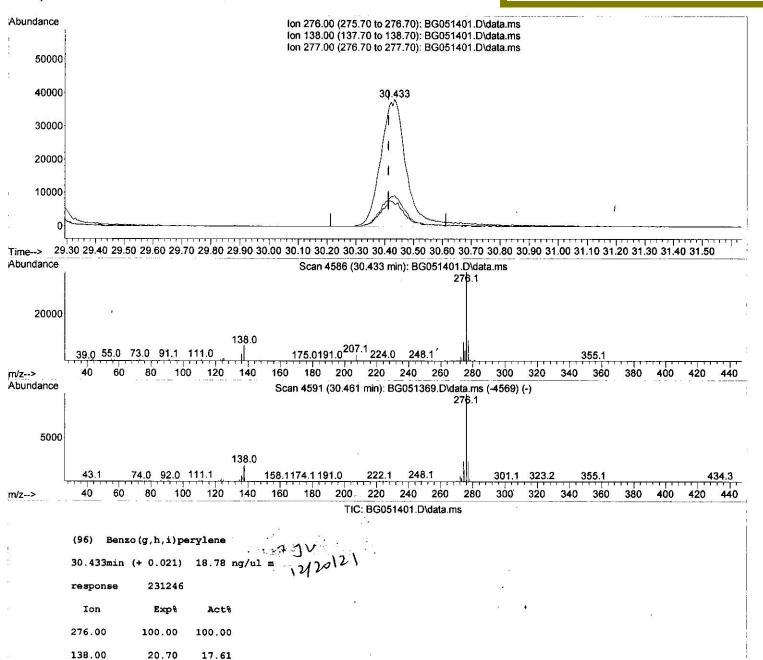
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument:
BNA\_G
LabSampleId:
SSTDCCC020

#### **Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By :mohammad ahmed 12/15/2021



22.00

0.00

24.47

0.00

277.00

#### Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_6\Data\BG120621\

Data File : 8G051401.D

Acq On : 8 Dec 2021 3:30

Operator : CG/JU Sample : SSTDCCC020

Misc :

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Uni	ts Dev(	Min)	
Internal Standards				<del>-</del> -			
1) 1.4-Dichlorobenzene-d4	8.189	152	38485	20.000	ne/ul	-0.01	
20) Naphthalene-d8	11.015	136	170732	20.000	W. T. C.	-0.01	
38) Acenaphthene-d10	14.822	164	112714	20.000	430 5565	0.00	
64) Phenanthrene-d10	17.572	188	243413	20.000	100 miles	0.00	
79) Chrysene-d12	21.873		202736	20.000	The state of the s	0.00	
88) Perylene-d12	25.274		203168	20.000		0.00	
System Monitoring Compounds			١				2
3) 1,4-Dioxane-d8	3.523	96	7850m \	7.088	ng/uL	-0.02	-
4) Pyridine-d5	3.958	84	58995	18.154	ng/ul	-0.02	
7) Phenol-d5	7.354	99	72061	18.945	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth	7.501	67	46577	19.498	ng/ul	-0.01	
11) 2-Chlorophenol-d4	7.719	132	53725	19.615	ng/ul	-0.01	
15) 4-Methylphenol-d8	8.905	113	57935	18.875	ng/ul	0.00	
21) Nitrobenzene-d5	9.370	128	27929	19.379	ng/ul	0.00	
24) 2-Nitrophenol-d4	10.092		32470	19.972	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.645	165	55829	20.240	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.156	131	76725	19.010	ng/ul	0.00	
46) Dimethylphthalate-d6	14.217	166	163182	18.816	ng/ul	0.00	
49) Acenaphthylene-d8	14.516		215382	19.695	ng/ul	-0.01	
54) 4-Nitrophenol-d4	15.051	143	23096	16.452	ng/ul	0.00	
60) Fluorene-d10	15.815	176	149682	19,166	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph	15.956	200	24018	15.990	ng/ul	0.00	
73) Anthracene-d10	17.672	188	225987	19.412	ng/ul	0.00	
81) Pyrene-d10	19.951		244892	19.963	ng/ul	0.00	
92) Benzo(a)pyrene-d12	25.039	264	207221	19.098	ng/ul	0.00	
Target Compounds					Qv	alue	
2) 1,4-Dioxane	3.559	88	8323	6.664	ng/uL#	89	
5) Pyridine	3.976	79	62519	18.488	ng/ul	95	
6) Benzaldehyde	7.325	77	53218	21.970	ng/ul	96	
8) Phenol	7.378	94	76707	19.467	ng/ul	98	
10) Bis(2-Chloroethyl)ether	7.595	93	57398	19.255	ng/ul	97	
12) 2-Chlorophenol	7.754	128	54302	19.455	ng/ul	99	
<pre>13) 2-Methylphenol</pre>	8.641	108	54965	18.727	- FEET -	98	
<pre>14) 2,2'-oxybis(1-Chloropr</pre>	8.706		87467	20.333	1000		
16) Acetophenone	9.017	105	90148	18.988		98	
17) N-Nitroso-di-n-propyla	8.988	.7.0		19.150		99	
<pre>18) 4-Methylphenol</pre>	8.970		59941	19.099	100000000000000000000000000000000000000	96	
<ol><li>19) Hexachloroethane</li></ol>	9.270	117	23247	19.719		97	
22) Nitrobenzene	9.411				ng/ul	95	10
23) Isophorone	9.928				ng/ul	99	
25) 2-Nitrophenol	10.127				ng/ul	100	
26) 2,4-Dimethylphenol	10.174	4 107	68932		ng/ul	100	
<pre>27) Bis(2-Chloroethoxy)met</pre>	10.404				ng/ul	97	
29) 2,4-Dichlorophenol	10.668				ng/ul	95	
30) Naphthalene	11.068				ng/ul	98	
32) 4-Chloroaniline	11.179				ng/ul	99	•
33) Hexachlorobutadiene	11.326				ng/ul	99	
34) Caprolactam	11.94	3 113	20570m		ng/ul	2,000	
35) 4-Chloro-3-methylphenol	12.30				ng/ul	95	
36) 2-Methylnaphthalene	12.66	0 142	123175	19.493	ng/ul	99	

Instrument: BNA\_G LabSampleId: SSTDCCC020

#### **Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By :mohammad ahmed 12/15/2021

12/20121

35/2012/

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

Acq On : 8 Dec 2021 3:30

Operator : CG/JU Sample : SSTDCCC020

Misc :

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration

Compound	R.T.	QIon	Response (	onc Uni	its Dev(	Min)
Internal Standards						0.04
<ol> <li>1,4-Dichlorobenzene-d4</li> </ol>	8.189	152	38485	20.000		-0.01
20) Naphthalene-d8	11.015	136	170732	20.000	•	-0.01
38) Acenaphthene-d10	14.822	164	112714	20.000		0.00
64) Phenanthrene-d10	17.572	188	243413	20.000		0.00
79) Chrysene-d12	21.873	240	202736	20.000		0.00
88) Perylene-d12	25.274	264	203168	20.000	ng/ul	0.00
			•			
System Monitoring Compounds			7050	7 000	()	0.00
3) 1,4-Dioxane-d8	3.523	96	7850m		ng/uL	-0.02
4) Pyridine-d5	3.958	84	58995	18.154		-0.02
7) Phenol-d5	7.354	99	72061	18.945	-	0.00
9) Bis-(2-Chloroethyl)eth	7.501	67	46577	19.498		-0.01
<ol> <li>2-Chlorophenol-d4</li> </ol>	7.719	132	53725	19.615	90 720	-0.01
<pre>15) 4-Methylphenol-d8</pre>	8.905	113	57935	18.875		0.00
21) Nitrobenzene-d5	9.370	128	27929	19.379		0.00
24) 2-Nitrophenol-d4	10.092	143	32470	19.972	(A)	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	55829	20.240		0.00
31) 4-Chloroaniline-d4	11.156	131	76725	19.010		0.00
46) Dimethylphthalate-d6	14.217	166	163182	18.816		0.00
49) Acenaphthylene-d8	14.516	160	215382	19.695	1000	-0.01
54) 4-Nitrophenol-d4	15.051	143	23096	16.452		0.00
60) Fluorene-d10	15.815	176	149682	19.166		0.00
65) 4,6-Dinitro-2-methylph	15.956	200	24018	15.990		0.00
73) Anthracene-d10	17.672	188	225987	19.412		0.00
81) Pyrene-d10	19.951	212	244892	19.963		0.00
92) Benzo(a)pyrene-d12	25.039	264	207221	19.098	ng/ul	0.00
					0	_1
Target Compounds						alue
2) 1,4-Dioxane	3.559	88	8323		ng/uL#	89
5) Pyridine	3.976	79	62519	18.488		95
<ol><li>6) Benzaldehyde</li></ol>	7.325	77	53218	21.970		96
8) Phenol	7.378	94	76707	19.467	F 18 - 12 - 18 - 18 - 18 - 18 - 18 - 18 -	98
10) Bis(2-Chloroethyl)ether	7.595	93	57398	19.255	-	97
12) 2-Chlorophenol	7.754	128	54302	19.455	William Co., Miles	99
13) 2-Methylphenol	8.641	108	54965 .	18.727	- 13	98
14) 2,2'-oxybis(1-Chloropr	8.706	45			ng/ul#	95
16) Acetophenone	9.017		90148	18.988		98
17) N-Nitroso-di-n-propyla	8.988			19.150	5-00	99
18) 4-Methylphenol	8.970	108	59941	19.099		96
19) Hexachloroethane	9.270	117	23247	19.719		97
22) Nitrobenzene	9.411	77	75021	19.852		95
23) Isophorone	9.928	82	143283	19.515		99
25) 2-Nitrophenol	10.127	139	32575	19.344		100
26) 2,4-Dimethylphenol	10.174	107	68932	20.022		100
<pre>27) Bis(2-Chloroethoxy)met</pre>	10.404	93	79608	19.641		97
29) 2,4-Dichlorophenol	10.668	162	53242	19.608		95
30) Naphthalene	11.068	128	178419		ng/ul	98
32) 4-Chloroaniline	11.179	127	78185		ng/ul	99
33) Hexachlorobutadiene	11.326	225	36152		ng/ul	99
34) Caprolactam	11.943	113	20570m)		ng/ul	22
35) 4-Chloro-3-methylphenol	12.301	107	65513		ng/ul	95
36) 2-Methylnaphthalene	12.660	142	123175	19.493	ng/ul	99

Instrument:
BNA\_G
LabSampleId:
SSTDCCC020

#### **Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By :mohammad ahmed 12/15/2021

72/20121

32/2012/

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\

Data File : BG051401.D

Acq On : 8 Dec 2021 3:30

Operator : CG/JU Sample : SSTDCCC020

Misc

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 08 06:30:13 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Un:	its Dev	(Min)	
37) 1	-Methylnaphthalene	12.877	142	124038	19.080	ng/ul	96	
	,2,4,5-Tetrachloroben	13.024	216	70209	19.841	1	97	
	exachlorocyclopentadiene	12.989	237	36391	25.444	100 Miles	98	
	,4,6-Trichlorophenol	13.265	196	44052	19.838		99	
	,4,5-Trichlorophenol	13.353	196	46063	19.809	- 10 Table	99	
	,1'-Biphenyl	13.653	154	164234	19.508	0.000	99	
	-Chloronaphthalene	13.706	162	131159	19.585		99	
	-Nitroaniline	13.917	65	49106	21.187		94	
seemen Africa eemon	imethylphthalate	14.264	163	163834	18.663		100	
	,6-Dinitrotoluene	14.399	165	36346	19.711	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	96	
to a second first constant	cenaphthylene	14.546	152	210714	19.502		98	
51) 3	-Nitroaniline	14.740	138	38493	21.119		99	
52) A	cenaphthene	14.887	153	138444	19.429		95	
53) 2	,4-Dinitrophenol	14.963	184	22399	21.976		89	*
55) 4	-Nitrophenol	15.063	109	30690	25.201	ng/ul	97	
56) D:	ibenzofuran	15.221	168	195666	19.037		100	
57) 2	,4-Dinitrotoluene	15.198	165	50614	19.218		98	
58) 2	,3,4,6-Tetrachlorophenol	15.451	232	33957	18.596	ng/ul	97	
59) D:	iethylphthalate	15.615	149	174542	18.942	ng/ul	99	
61) F	luorene	15.868	166	158273	19.225	ng/ul	99	
62) 4	-Chlorophenyl-phenyle	15.850	204	819437	18.469	ng/ul	97 ~	2/24 20121
	-Nitroaniline	15.903	138	38356m(	21.624	ng/ul		1212
66) 4	,6-Dinitro-2-methylph	15.968	198	23177	16.000		100	
67) N	-Nitrosodiphenylamine	16.068	169	140773	20.201	ng/ul	96	
68) 4	-Bromophenyl-phenylether	16.749	248	50914	19.516		92	
69) H	exachlorobenzene	16.872	284	52502	19.737	ng/ul	99	
70) A	trazine	17.008	200	57969	19.794	ng/ul	98	
71) P	entachlorophenol	17.231	266	25009	21.217	ng/ul	93	
72) P	henanthrene	17.613	178	261379	19.448		99	
74) Ai	nthracene	17.707	178	260452	19.513	ng/ul	99	
75) 1	,2,3,4-Tetrachloroben	13.629	216	73288	20.642		97	
76) P	entachlorobenzene	15.139	250	67652	20.450	ng/uL	99	
77) C	arbazole	17.983	167	232054	19.806	ng/ul	99	
	i-n-butylphthalate	18.500	149	301959	19.988		99	¥
	luoranthene	19.616	202	306588	20.349		98	•
82) P		19.981	202	297479	20.184		97	- 原
	utylbenzylphthalate	20.838	149		20.255		97	
0.7	,3'-Dichlorobenzidine	21.755	252	91188	19.319	1.50	96	
	enzo(a)anthracene			269419	19.593		100	
	is(2-ethylhexyl)phtha	21.708	149	177340	20.113		100	
120000000000000000000000000000000000000	hrysene	21.925	228	251856	19.066		98	
	i-n-octyl phthalate	22.971	149	298454	20.277		100	1.0°
	enzo(b)fluoranthene	24.182	252	261325	19.059	00000	98	, ,
	enzo(k)fluoranthene	24.258	252	246331	19.145		99	
	enzo(a)pyrene	25.110	252	250302	19.135		98	
	ndeno(1,2,3-cd)pyrene	29.193	276	278940	19.056		98	نام
- 5	ibenzo(a,h)anthracene	29.246	278	234516	18.885		97	72/2012
30) R	enzo(g,h,i)perylene 	30.433	276 	231246m \	18.777 	ng/uI		101

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

Instrument: BNA\_G **LabSampleld**: SSTDCCC020

#### **Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2021 Supervised By :mohammad ahmed 12/15/2021