Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File : BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

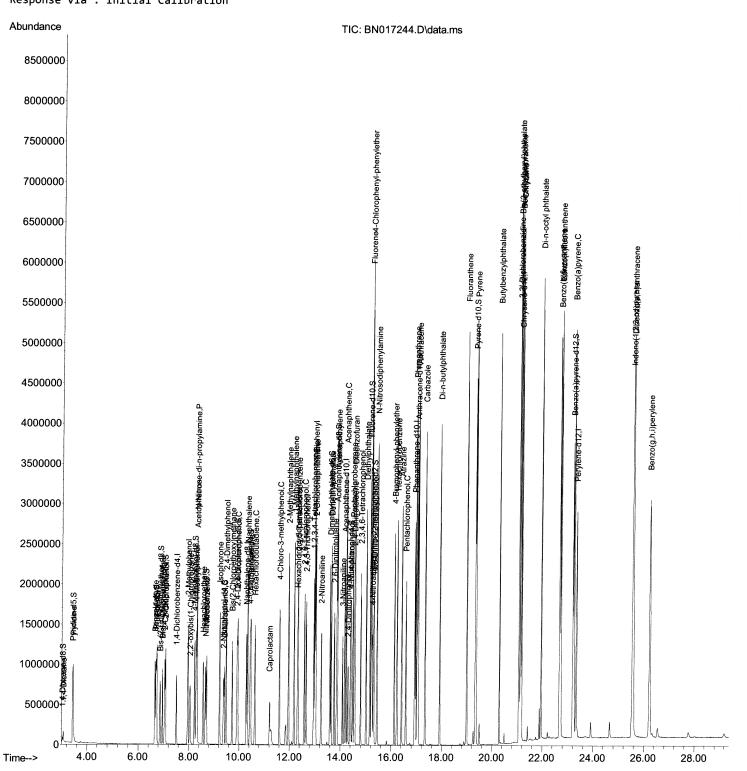
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

Quant Title : SVOA CALIBRATION QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021 Supervised By :mohammad ahmed 11/08/2021



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File : BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

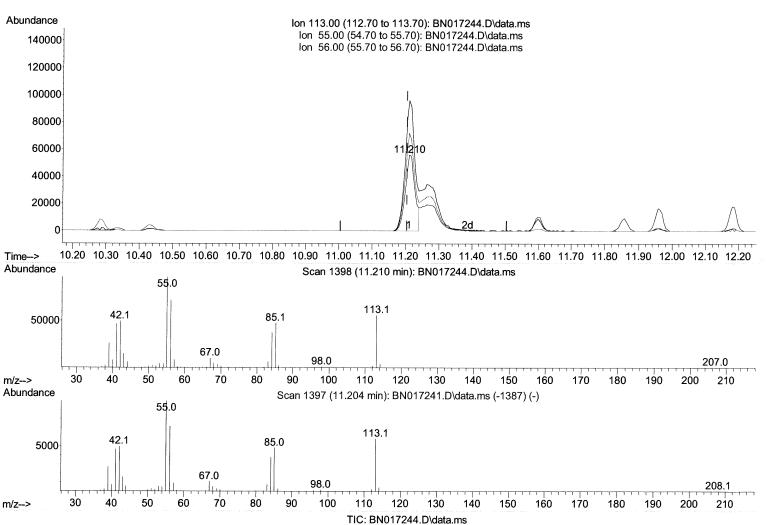
Quant Title : SVOA CALIBRATION

QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021 Supervised By :mohammad ahmed 11/08/2021



(34) Caprolactam

11.210min (+ 0.006) 17.47 ng/ul

response	112563			
Ion	Ехр%	Act%		
113.00	100.00	100.00		
55.00	172.30	171.70		
56.00	123.70	128.91		
0.00	0.00	0.00		

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File : BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

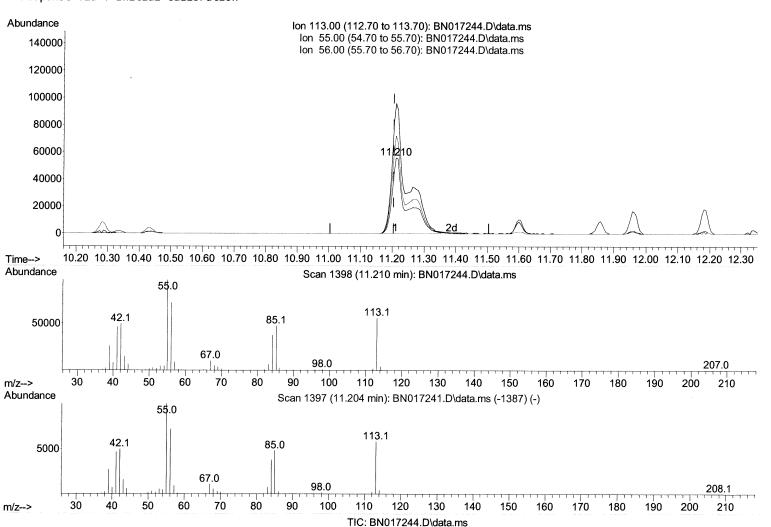
Quant Title : SVOA CALIBRATION

QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration



Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021 Supervised By :mohammad ahmed 11/08/2021



(34) Caprolactam

11.210min (+ 0.006) 28.15 ng/ul m 11/04/2/34

response	181408	
Ion	Ехр%	Act%
113.00	100.00	100.00
55.00	172.30	171.70
56.00	123.70	128.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File: BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc

ALS Vial : 11 Sample Multiplier: 1

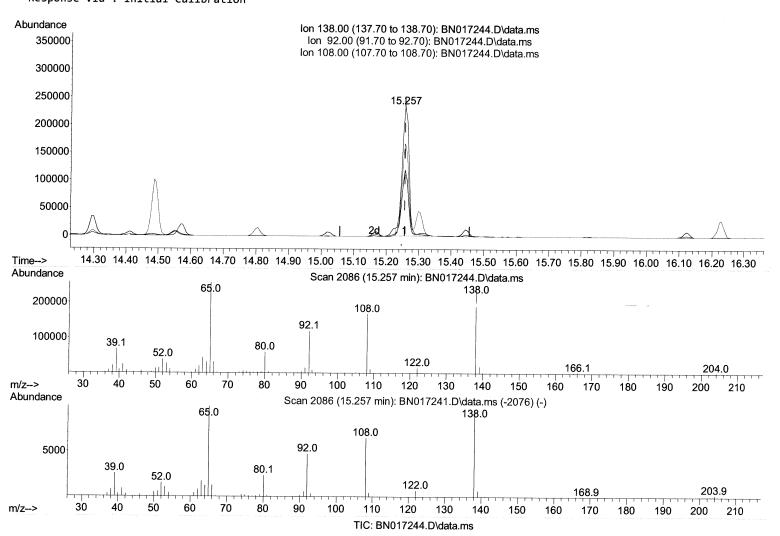
Quant Time: Nov 02 17:52:04 2021

 $\label{lem:quant_method} \textbf{Quant Methods} \ \textbf{Z:} \ \textbf{N} \ \textbf{Methods} \ \textbf{SFAM-EPA-BN110221.M}$

Quant Title : SVOA CALIBRATION QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration Instrument : BNA_N ClientSampleId : SLCS385

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021 Supervised By :mohammad ahmed 11/08/2021



(63) 4-Nitroaniline

15.257min (+ 0.000) 30.57 ng/ul

response	346946	
Ion	Ехр%	Act%
138.00	100.00	100.00
92.00	50.40	51.00
108.00	68.90	71.36
0.00	0 00	0 00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File: BN017244.D

: 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

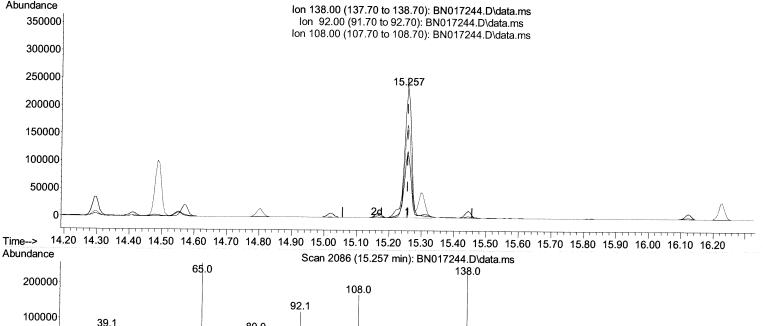
Quant Title : SVOA CALIBRATION

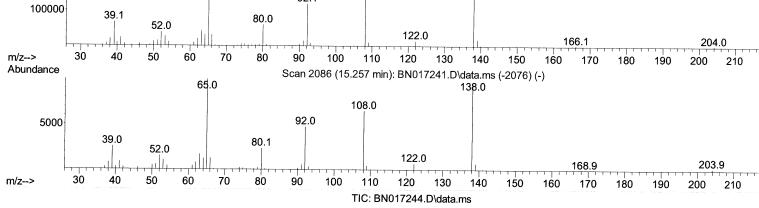
QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration

Instrument: BNA_N ClientSampleId : SLCS385

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021 Supervised By :mohammad ahmed 11/08/2021





(63) 4-Nitroaniline

15.257min (+ 0.000) 32.38 ng/ul m WOMJU

response	367531	
Ion	Ехр%	Act%
138.00	100.00	100.00
92.00	50.40	51.00
108.00	68.90	71.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File : BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 15:59:34 2021
Response via : Initial Calibration

Instrument: BNA_N ClientSampleId: SLCS385

Manual IntegrationsAPPROVED

Reviewed By: Jagrut Upadhyay 11/02/2021 Supervised By: mohammad ahmed 11/08/2021

Internal Standards		Compound	R.T.	QIon	Response			
1) 1,4-Dichlorobenzene-d4 20) Naphthalene-d8 10.287 136 1136865 20.000 ng/ul 0.00 38) Acenaphthene-d10 14.169 164 749210 20.000 ng/ul 0.00 64) Phenanthrene-d10 16.922 188 1590230 20.000 ng/ul 0.00 79) Chrysene-d12 23.339 264 1709059 20.000 ng/ul 0.00 88) Perylene-d12 23.339 264 1709059 20.000 ng/ul 0.00 89) Perylene-d12 23.339 264 1709059 20.000 ng/ul 0.00 89) System Monitoring Compounds 3) 1,4-Dioxane-d8 3.04 96 28713 3.045 ng/ul 0.00 80 81	Tnto	nnal Standards						
200 Naphthalene-dB			7 511	150	224046	20.000	n = /1	0.00
383 Acenaphthene-d10								
64) Phenanthrene-d10							•	
System Monitoring Compounds 3,339 264 1709059 20,000 ng/ul 0.00								
System Monitoring Compounds 3								
System Monitoring Compounds 3) 1,4-Dioxane-d8 3) 3,4-Dioxane-d8 3) 3,4-Dioxane-d9 3) 8is-(2-Chloroethyl)eth 6.864 6,664 7) 333158 6,681 ng/ul 9,00 11) 2-Chlorophenol-d4 7,046 132 463429 28,087 ng/ul 9,00 21) Nitrobenzene-d5 8,664 128 233680 26,492 ng/ul 9,00 24) 2-Nitrophenol-d4 9,381 143 266268 27,064 ng/ul 9,00 24) 2-Nitrophenol-d4 9,381 143 266268 27,064 ng/ul 9,00 24) 2-Nitrophenol-d4 9,381 143 266268 27,064 ng/ul 9,00 24) 2-Nitrophenol-d4 10,434 131 636734 24,018 ng/ul 9,00 46) Dimethylphthalate-d6 13,593 166 1470358 26,499 ng/ul 9,00 40) Acenaphthylene-d8 13,857 160 1832476 26,227 ng/ul 9,00 40) Plurorene-d10 15,169 15,169 17,022 188 2012166 26,881 ng/ul 9,00 65) 4,6-Dinitro-2-methylph 15,304 200 273990 20,935 ng/ul 9,00 65) 4,6-Dinitro-2-methylph 15,304 200 273990 20,935 ng/ul 9,00 60) Plurorene-d10 17,022 188 2012166 26,812 ng/ul 9,00 8) Pyrrene-d10 19,328 212 2382498 25,894 ng/ul 9,00 8) Pyrrene-d10 9) 816(2-Chloroethyl)ether 6,952 9,974 27,258 ng/ul 9,00 10) 00 11) 2-Chlorophenol 10,00 11) 3-Methylphenol 11,00								
3) 1,4-Dioxane-d8 3.034 96 28713 5.045 ng/ul 0.00 4) Pyridine-d5 3.428 84 403173 25.388 ng/ul 0.00 7) Phenol-d5 6.699 99 573286 27.610 ng/ul 0.00 9) Bis-(2-Chloroethyl)eth 6.864 67 333158 26.881 ng/ul 0.00 11) 2-Chlorophenol-d4 7.046 132 463429 28.087 ng/ul 0.00 15) 4-Methylphenol-d8 8.234 113 481081 28.102 ng/ul 0.00 21) Nitrobenzene-d5 8.664 128 233680 26.492 ng/ul 0.00 24) 2-Nitrophenol-d4 9.381 143 266268 27.646 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 31) 4-Chloroaniline-d4 10.434 131 636734 24.018 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 64) A-Nitrophenol-d4 14.399 143 297942 27.326 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 66) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 82) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 82) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 81) Bis(2-Chloroethyl)ether 6.952 93 48934 29.351 ng/ul 99 12) 2-Chlorophenol 7.064 108 489210 30.263 ng/ul 99 13) 2-Methylphenol 8.293 108 544216 30.401 ng/ul 99 13) 2-Methylphenol 8.293 108 544216 30.401 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.652 45 721566 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.325 ng/ul 99 14) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 15) Pyridine 8.575 117 195832 29.225 ng/ul 99 14) Hexachloroethane 8.575 117 195832 29.225 ng/ul 99 15) Pyridrohenol 9.411 139 309726 29.205 ng/ul 99 16) Acetophenol 9.427 7064 108 489210 29.285 ng/ul 99 17) N-Nitroso-di-n-propyla 8.795 117 195832 29.225 ng/ul 99 18) 4-Methylphenol 9.487 707 55804 29.205 ng/ul 99 19) Hexachloroethane 8.575 17 195832 29.225 ng/ul 99 20) 1.4-Dioxanle 10.438 126 709362 27.291 ng/ul 99 21) 1.5-Dimethylphenol 9.487 707 55804 29.205 ng/ul 99 22) Nitrobenzene 8.706 77 55804 29.205 ng/ul 99 23) 1sophorone 9.228 82 1107804 28.006 ng/ul 99 24Chl	00)	rei yielle-uiz	23.333	204	1/09039	20.000	/ lig/ui	0.00
3) 1,4-Dioxane-d8 3.034 96 28713 5.045 ng/ul 0.00 4) Pyridine-d5 3.428 84 403173 25.388 ng/ul 0.00 7) Phenol-d5 6.699 99 573286 27.610 ng/ul 0.00 9) Bis-(2-Chloroethyl)eth 6.864 67 333158 26.881 ng/ul 0.00 11) 2-Chlorophenol-d4 7.046 132 463429 28.087 ng/ul 0.00 15) 4-Methylphenol-d8 8.234 113 481081 28.102 ng/ul 0.00 21) Nitrobenzene-d5 8.664 128 233680 26.492 ng/ul 0.00 24) 2-Nitrophenol-d4 9.381 143 266268 27.646 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 31) 4-Chloroaniline-d4 10.434 131 636734 24.018 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 64) A-Nitrophenol-d4 14.399 143 297942 27.326 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 66) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 82) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 82) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 81) Bis(2-Chloroethyl)ether 6.952 93 48934 29.351 ng/ul 99 12) 2-Chlorophenol 7.064 108 489210 30.263 ng/ul 99 13) 2-Methylphenol 8.293 108 544216 30.401 ng/ul 99 13) 2-Methylphenol 8.293 108 544216 30.401 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.652 45 721566 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.325 ng/ul 99 14) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 15) Pyridine 8.575 117 195832 29.225 ng/ul 99 14) Hexachloroethane 8.575 117 195832 29.225 ng/ul 99 15) Pyridrohenol 9.411 139 309726 29.205 ng/ul 99 16) Acetophenol 9.427 7064 108 489210 29.285 ng/ul 99 17) N-Nitroso-di-n-propyla 8.795 117 195832 29.225 ng/ul 99 18) 4-Methylphenol 9.487 707 55804 29.205 ng/ul 99 19) Hexachloroethane 8.575 17 195832 29.225 ng/ul 99 20) 1.4-Dioxanle 10.438 126 709362 27.291 ng/ul 99 21) 1.5-Dimethylphenol 9.487 707 55804 29.205 ng/ul 99 22) Nitrobenzene 8.706 77 55804 29.205 ng/ul 99 23) 1sophorone 9.228 82 1107804 28.006 ng/ul 99 24Chl	Syst	em Monitoring Compounds						
A) Pyridine-d5			3.034	96	28713	5.045	ng/uL	0.00
7) Phenol-d5 9) Bis-(2-Chloroethyl)eth 6.864 67 333158 26.881 ng/ul 0.00 1) 2-Chlorophenol-d4 7.046 132 463429 28.087 ng/ul 0.00 15) 4-Methylphenol-d8 8.234 113 481081 28.102 ng/ul 0.00 21) Nitrobenzene-d5 8.664 128 233680 26.492 ng/ul 0.00 22) Nitrophenol-d4 9.381 143 266268 27.064 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 28) 2,4-Dichlorophenol-d4 10.434 131 636734 24.018 ng/ul 0.00 24) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 24) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 25) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 273) Anthracene-d10 15.169 176 1270703 26.806 ng/ul 0.00 273) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 273) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 292) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 292) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 292) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 20 273990 26.935 ng/ul 0.00 273 ng/ul 0.00 273 ng/ul 0.00 274 ng/ul 0.00 275 ng/u								
9) Bis-(2-Chloroethyl)eth 6.864 67 333158 26.881 ng/ul 0.00 11) 2-Chlorophenol-d4 7.046 132 463429 28.087 ng/ul 0.00 15) 4-Methylphenol-d8 8.234 113 481081 28.102 ng/ul 0.00 21) Nitrobenzene-d5 8.664 128 233680 26.492 ng/ul 0.00 22) Nitrophenol-d4 9.381 143 266268 27.064 ng/ul 0.00 23) 4-Chlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 31) 4-Chloroaniline-d4 10.434 131 636734 24.018 ng/ul 0.00 31) 4-Chloroaniline-d6 13.593 166 1470358 26.469 ng/ul 0.00 31) 4-Chloroaniline-d8 13.857 160 1832476 26.227 ng/ul 0.00 46) Dimethylphthalate-d6 13.593 166 1470358 26.469 ng/ul 0.00 47) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 48) Pluorene-d10 15.169 176 1270703 26.806 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.935 ng/ul 0.00 60) Fluorene-d10 17.022 188 2012166 26.935 ng/ul 0.00 61) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 63) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 61) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 61) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 62) Pyridine 3.446 79 440980 27.258 ng/ul 0.00 63 Phenol 6.728 94 635159 30.190 ng/ul 89 63 Phenol 6.728 94 635159 30.190 ng/ul 98 63 Phenol 6.728 94 635159 30.190 ng/ul 98 64 Phenol 7.064 108 489210 30.263 ng/ul 99 65 Pyridine 7.064 108 489210 30.263 ng/ul 99 66 Acetophenone 8.334 105 778569 30.255 ng/ul 100 67 Acetophenone 8.355 117 195832 29.722 ng/ul 99 68 A-Methylphenol 8.293 108 544216 30.401 ng/ul 99 69 Pyridine 8.705 77 553664 27.922 ng/ul 99 60 Acetophenone 9.228 82 1107804 28.101 ng/ul 99 60 Acetophenone 9.228 82 1107804 28.101 ng/ul 99 61 A-Methylphenol 9.487 107 592540 28.471 ng/ul 98 62 A-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 63 A-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 64 Chloroaniline 10.458 127 699362 26.274 ng/ul 98 65 A-Dimethylphenol 9.487 107 592540 28.771 ng/ul 98 67 A-Dimethylphenol 9.487 107 592540 28.771 ng/ul 98 68 A-Dimethylphenol 9.487 107 592540 28.771 ng/ul 98 68 A-Dimethylphenol 9.487 107 592540 28.771 ng/ul 98 69 A-Dimethylphenol 9.487 107 592540							_	
11) 2-Chlorophenol-d4							•	
15) 4-Methylphenol-d8	11)	2-Chlorophenol-d4					-	
21) Nitrobenzene-d5							_	
24) 2-Nitrophenol-d4 9.381 143 266268 27.064 ng/ul 0.00 28) 2,4-Dichlorophenol-d3 9.916 165 475414 26.875 ng/ul 0.00 31) 4-Chloroaniline-d4 10.434 131 636734 24.018 ng/ul 0.00 46) Dimethylphthalate-d6 13.593 166 1470358 26.469 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 69) 49 Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 60) Fluorene-d10 15.169 176 1270703 26.806 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 73) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 82) Benzo(a)pyrene-d12 23.204 264 2592775 28.081 ng/ul 0.00 73) Anthracene-d10 19.328 212 2382498 25.894 ng/ul 0.00 74 10.00 75) Pyridine 3.446 79 440980 27.258 ng/ul 0.00 75) Pyridine 3.446 79 440980 27.258 ng/ul 100 75) Pyridine 3.446 79 440980 27.258 ng/ul 98 75) Pyridine 6.664 77 341926 32.448 ng/ul 98 75) Pyridine 6.728 94 635159 30.199 ng/ul 98 75) Pyridine 6.952 93 489334 29.351 ng/ul 99 75) 2-Chlorophenol 7.075 128 511203 30.307 ng/ul 98 75) Pyridine 7.075 128 511203 30.307 ng/ul 99 75) 2-Chlorophenol 7.075 128 511203 30.307 ng/ul 99 75) 2-Chlorophenol 7.075 128 511203 30.307 ng/ul 99 75) 2-Nitrobenzene 8.334 105 778569 30.255 ng/ul 100 75) Pyridine 8.328 70 391444 29.844 ng/ul 99 75) 2-Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 75) 2-Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 75) 2-Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 75) 2-Nitrobenzene 9.228 82 1107804 28.106 ng/ul 98 75) 2-Nitrobenzene 9.228 82 1107804 28.038 ng/ul 99 75) 2-Nitrobenzene 9.228 82 1107804 28.038 ng/ul 99 75) 2-								
28) 2,4-Dichlorophenol-d3	•						-	
31) 4-Chloroaniline-d4 46) Dimethylphthalate-d6 13.593 166 1470358 26.469 ng/ul 0.00 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 54) 4-Nitrophenol-d4 14.399 143 297942 27.326 ng/ul 0.00 69) Fluorene-d10 15.169 176 1270703 26.886 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 67) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 81) Pyrene-d10 23.204 264 2592775 28.081 ng/ul 0.00 81) Pyridine 3.446 79 440980 27.258 ng/ul 100 68 Benzaldehyde 6.664 77 341926 32.448 ng/ul 98 8) Phenol 6.728 94 635159 30.190 ng/ul 98 8) Phenol 6.728 94 635159 30.190 ng/ul 99 12) 2-Chlorophenol 7.095 128 511203 30.307 ng/ul 99 12) 2-Chlorophenol 7.0964 108 489210 30.263 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.052 45 721506 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.235 ng/ul 99 11) Hexachloroethane 8.293 108 544216 30.401 ng/ul 99 12) 1sophorone 8.705 177 188 2106 ng/ul 99 22) Nitrobenzene 8.705 177 18982 29.722 ng/ul 95 20. Nitrobenzene 8.705 177 18982 29.722 ng/ul 95 29. Nitrobenzene 8.705 177 195832 29.722 ng/ul 95 29. Nitrobenzene 8.705 177 18982 29. 29. Nitrophenol 9.411 139 309726 29. 205 ng/ul 98 29. 22-Nitrophenol 9.948 11.390 30. Naphthalene 10.334 128 1712930 28. 038 ng/ul 98 30 Naphthalene 10.334 128 1712930 28. 038 ng/ul 98 30 Naphthalene 10.622 225 294436 275, 477 ng/ul 98 30 Naphthalene 10.622 225 294436 275, 477 ng/ul 98 34) Caprolactam								
46) Dimethylphthalate-d6 49) Acenaphthylene-d8 13.857 160 1832476 26.227 ng/ul 0.00 69) Fluorene-d10 15.169 176 1270703 26.806 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 65) 4,6-Dinitro-2-methylph 15.304 200 273990 26.935 ng/ul 0.00 67) Anthracene-d10 17.022 188 2012166 26.812 ng/ul 0.00 81) Pyrene-d10 19.328 212 2382498 25.894 ng/ul 0.00 81) Pyrene-d10 23.204 264 2592775 28.081 ng/ul 0.00 81) Pyridine 3.446 79 440980 27.258 ng/ul 100 6) Benzaldehyde 6.664 77 341926 32.448 ng/ul 98 8) Phenol 6) Bis(2-Chloroethyl)ether 6.952 93 18.948334 29.351 ng/ul 99 12) 2-Chlorophenol 7.075 128 511203 30.307 ng/ul 99 13) 2-Methylphenol 7.964 108 8489210 30.263 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.052 45 778569 30.235 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.334 105 778569 30.235 ng/ul 99 110 100 101 100 100 100 100 100 100 100 100 100 100 100 100							-	
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6) Benzaldehyde 8) Phenol 6.728 94 635159 30.190 ng/ul 98 10) Bis(2-Chloroethyl)ether 6.952 93 489334 29.351 ng/ul 99 12) 2-Chlorophenol 7.075 128 511203 30.307 ng/ul 99 13) 2-Methylphenol 7.964 108 489210 30.263 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.052 45 721506 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.235 ng/ul 98 17) N-Nitroso-di-n-propyla 8.328 70 391444 29.844 ng/ul 99 18) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 19) Hexachloroethane 8.575 117 195832 29.722 ng/ul 95 22) Nitrobenzene 8.705 77 553664 27.922 ng/ul 95 22) Nitrophenol 9.228 82 1107804 28.106 ng/ul 99 23) Isophorone 9.228 82 1107804 28.106 ng/ul 99 25) 2-Nitrophenol 9.411 139 309726 29.205 ng/ul 96 26) 2,4-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 27) Bis(2-Chloroethoxy)met 9.722 93 701852 27.891 ng/ul 98 29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m > 28.154 ng/ul > №04/Ql JU	5)	Pyridine	3.446	79	440980		_	100
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10) Bis(2-Chloroethyl)ether 12) 2-Chlorophenol 13) 2-Methylphenol 14) 2,2'-oxybis(1-Chloropr 15) 8.052 45 721506 29.225 ng/ul 16) Acetophenone 17) N-Nitroso-di-n-propyla 17) N-Nitroso-di-n-propyla 18.293 108 544216 30.401 ng/ul 199 18) 4-Methylphenol 18.375 117 195832 29.722 ng/ul 199 19) Hexachloroethane 19.228 82 1107804 28.106 ng/ul 199 23) Isophorone 19.228 82 1107804 28.106 ng/ul 199 25) 2-Nitrophenol 19.487 107 592540 28.471 ng/ul 27) Bis(2-Chloroethoxy)met 29. 24-Dichlorophenol 29. 24 25 27.891 ng/ul 30) Naphthalene 20) Naphthalene 210. 334 128 1712930 28.038 ng/ul 28 34) Caprolactam 29. 24-Opinethylphenol 20. 24-Chloroaniline 20. 45 707 553664 27.922 ng/ul 20. 27. 891 ng/ul 20. 28. 471 ng/ul 21. 48. 489210 22. 48. 471 ng/ul 23. 48. 489210 24. 48. 489210 25. 27. 481 ng/ul 28. 48. 489210 29. 29. 29. 29. 29. 29. 29. 29. 29. 29.	8)	Phenol	6.728	94	635159			98
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13) 2-Methylphenol 7.964 108 489210 30.263 ng/ul 99 14) 2,2'-oxybis(1-Chloropr 8.052 45 721506 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.235 ng/ul 98 17) N-Nitroso-di-n-propyla 8.328 70 391444 29.844 ng/ul 99 18) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 19) Hexachloroethane 8.575 117 195832 29.722 ng/ul 95 22) Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 23) Isophorone 9.228 82 1107804 28.106 ng/ul 99 25) 2-Nitrophenol 9.411 139 309726 29.205 ng/ul 96 26) 2,4-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 27) Bis(2-Chloroethoxy)met 9.722 93 701852 27.891 ng/ul 98 29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m ≈ 28.154 ng/ul > № ₩04/3√3√4			7.075				-	
14) 2,2'-oxybis(1-Chloropr 8.052 45 721506 29.225 ng/ul 100 16) Acetophenone 8.334 105 778569 30.235 ng/ul 98 17) N-Nitroso-di-n-propyla 8.328 70 391444 29.844 ng/ul 99 18) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 19) Hexachloroethane 8.575 117 195832 29.722 ng/ul 95 22) Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 23) Isophorone 9.228 82 1107804 28.106 ng/ul 99 25) 2-Nitrophenol 9.411 139 309726 29.205 ng/ul 96 26) 2,4-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 27) Bis(2-Chloroethoxy)met 9.722 93 701852 27.891 ng/ul 98 29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m 28.154 ng/ul > NOUIQUIQUIQUIQUIQUIQUIQUIQUIQUIQUIQUIQUIQU			7.964	108				99
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17) N-Nitroso-di-n-propyla 8.328 70 391444 29.844 ng/ul 99 18) 4-Methylphenol 8.293 108 544216 30.401 ng/ul 99 19) Hexachloroethane 8.575 117 195832 29.722 ng/ul 95 22) Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 23) Isophorone 9.228 82 1107804 28.106 ng/ul 99 25) 2-Nitrophenol 9.411 139 309726 29.205 ng/ul 96 26) 2,4-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 27) Bis(2-Chloroethoxy)met 9.722 93 701852 27.891 ng/ul 98 29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m 28.154 ng/ul > 1104 1104 1106 11			8.334	105	778569		_	
18) 4-Methylphenol								
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22) Nitrobenzene 8.705 77 553664 27.922 ng/ul 99 23) Isophorone 9.228 82 1107804 28.106 ng/ul 99 25) 2-Nitrophenol 9.411 139 309726 29.205 ng/ul 96 26) 2,4-Dimethylphenol 9.487 107 592540 28.471 ng/ul 98 27) Bis(2-Chloroethoxy)met 9.722 93 701852 27.891 ng/ul 98 29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m 28.154 ng/ul > WGY Q\J\J\	19)	Hexachloroethane	8.575	117				
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29) 2,4-Dichlorophenol 9.940 162 513676 29.352 ng/ul 96 30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m > 28.154 ng/ul > \(\text{VGV}\a\)\(\text{JV}\a\)								
30) Naphthalene 10.334 128 1712930 28.038 ng/ul 100 32) 4-Chloroaniline 10.458 127 699362 26.274 ng/ul 98 33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m > 28.154 ng/ul > \\(\text{V}_0\text{U}_0U								
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33) Hexachlorobutadiene 10.622 225 294436 27.547 ng/ul 98 34) Caprolactam 11.210 113 181408m → 28.154 ng/ul → 1/04/a/JU							-	
34) Caprolactam 11.210 113 181408m > 28.154 ng/ul > 1/04/a/JU								98
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\

Data File : BN017244.D

Acq On : 02 Nov 2021 17:23

Operator : CG/JU Sample : PB140385BS

Misc

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Nov 02 15:59:34 2021 Response via : Initial Calibration Instrument : BNA_N ClientSampleId : SLCS385

Manual IntegrationsAPPROVED

Reviewed By: Jagrut Upadhyay 11/02/2021 Supervised By: mohammad ahmed 11/08/2021

	Compound	R.T.	QIon	Response	Conc U	nits De	v(Min)	
3	6) 2-Methylnaphthalene	11.963	142	1181920	27.88	3 ng/ul	100	
	7) 1-Methylnaphthalene	12.181	142	1188184		3 ng/ul	98	
3:	9) 1,2,4,5-Tetrachloroben	12.340	216			9 ng/ul	98	
4	0) Hexachlorocyclopentadiene	12.316	237	359495		4 ng/ul	96	
4:	1) 2,4,6-Trichlorophenol	12.587				2 ng/ul	98	
4:	2) 2,4,5-Trichlorophenol	12.657	196			4 ng/ul	98	
	3) 1,1'-Biphenyl	12.999	154			5 ng/ul	99	
44	4) 2-Chloronaphthalene	13.034	162	1218920		1 ng/ul	98	
	5) 2-Nitroaniline	13.252	65	371355		9 ng/ul	96	
47	7) Dimethylphthalate	13.640	163	1589387		1 ng/ul	100	
	3) 2,6-Dinitrotoluene	13.763	165	331384		0 ng/ul	99	
56	Acenaphthylene	13.887	152	2058065		1 ng/ul	100	
51	l) 3-Nitroaniline	14.087	138	336131		B ng/ul	97	
	2) Acenaphthene	14.234	153	1315051		3 ng/ul	97	
53	3) 2,4-Dinitrophenol	14.299	184	202897		2 ng/ul	93	
55	5) 4-Nitrophenol	14.410	109	228530		7 ng/ul	94	
	5) Dibenzofuran	14.569	168	1878938		1 ng/ul	100	
	') 2,4-Dinitrotoluene	14.551	165	493837		ng/ul	99	
58	3) 2,3,4,6-Tetrachlorophenol	14.804	232	394877		ng/ul	96	
59) Diethylphthalate	15.022	149	1603167		ng/ul	99	
	.) Fluorene	15.222	166	1499302		ng/ul	97	
62) 4-Chlorophenyl-phenyle	15.228	204	735827		ng/ul	99	
) 4-Nitroaniline	15.257	138	367531m 🕹	> 32.384	ng/ul	> 11104121	JU
66) 4,6-Dinitro-2-methylph	15.316	198	296932		ng/ul	98	
) N-Nitrosodiphenylamine	15.445	169	1345268		ng/ul	100	
68) 4-Bromophenyl-phenylether	16.122	248	470486		ng/ul	95	
69) Hexachlorobenzene	16.228	284	548595		ng/ul	98	
) Atrazine	16.410	200	496936		ng/ul	98	
) Pentachlorophenol	16.575	266	329201		ng/ul#	89	
) Phenanthrene	16.963	178	2461596	28.346		99	
) Anthracene	17.057	178	2537118	29.023	ng/ul	99	
) 1,2,3,4-Tetrachloroben	12.952	216	608604	27.319	ng/uL	99	
) Pentachlorobenzene	14.493	250	611512	26.411	ng/uL	97	
) Carbazole	17.334	167	2342584	29.904	ng/ul	97	
) Di-n-butylphthalate	17.922	149	2861201	30.321	ng/ul	99	
) Fluoranthene	18.992	202	3013660	27.815		96	
) Pyrene	19.363	202	3094288	27.884		97	
83) Butylbenzylphthalate	20.292	149	1341084	29.055		100	
	3,3'-Dichlorobenzidine	21.069	252	1100130	28.112		98	
) Benzo(a)anthracene	21.122	228	3074860	27.578	ng/ul	96	
	Bis(2-ethylhexyl)phtha	21.081	149	2033766	28.911	ng/ul	98	
) Chrysene	21.175	228	3002469	27.725	ng/ul	97	
89)	Di-n-octyl phthalate	21.957	149	3553126	31.550		100	
	Benzo(b)fluoranthene	22.680	252	3438759	30.195		98	
91)		22.727	252	3264681	30.428		100	
33)	Benzo(a)pyrene	23.245	252	3400411	30.732		98	
34) 05\	Indeno(1,2,3-cd)pyrene	25.551	276	3974441	30.473		99	
35) 35)	Dibenzo(a,h)anthracene	25.574	278	3392349	30.685		99	
	Benzo(g,h,i)perylene	26.227	276	3363806	30.480	ng/ul	99	

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