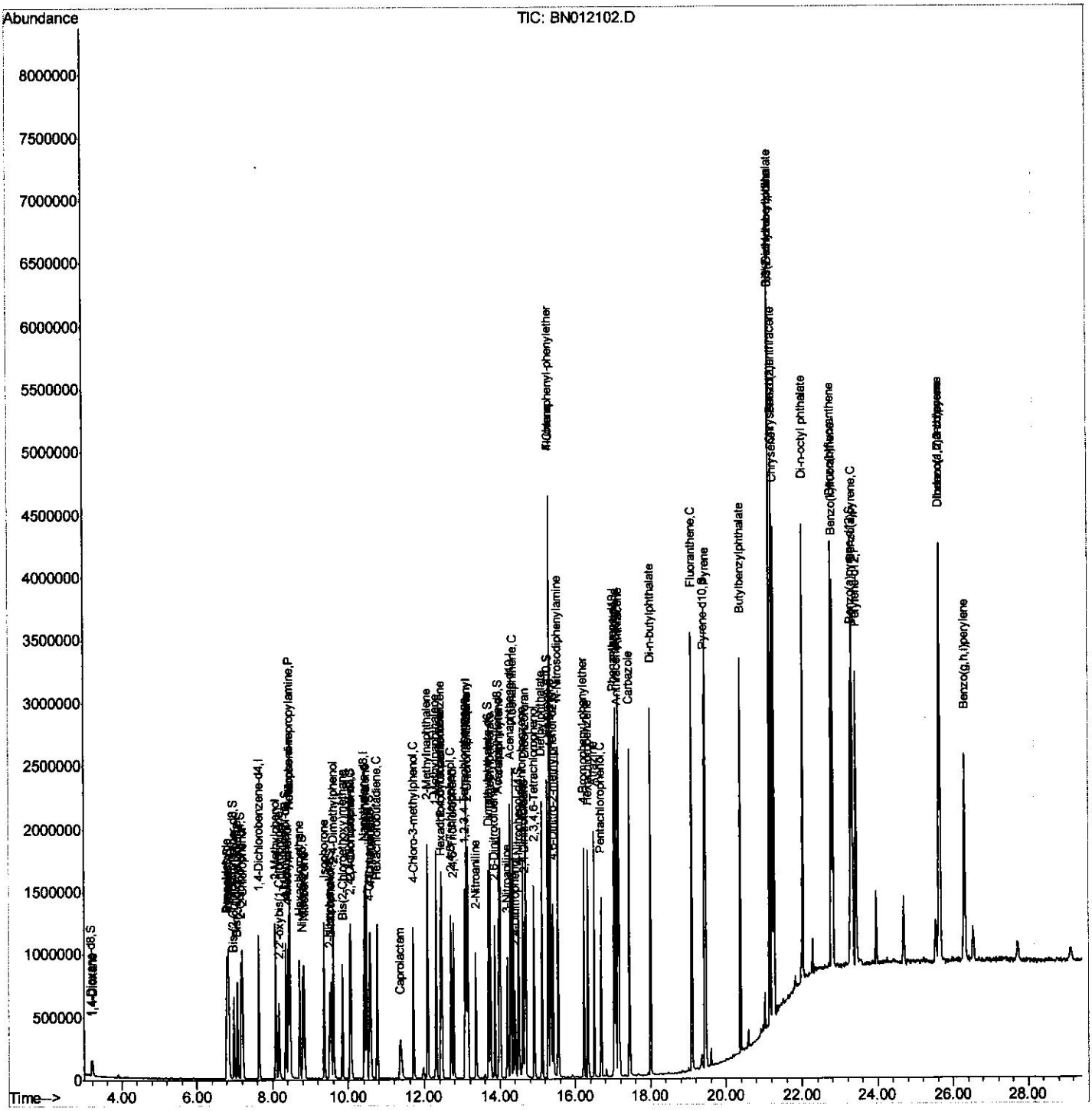
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 15:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM



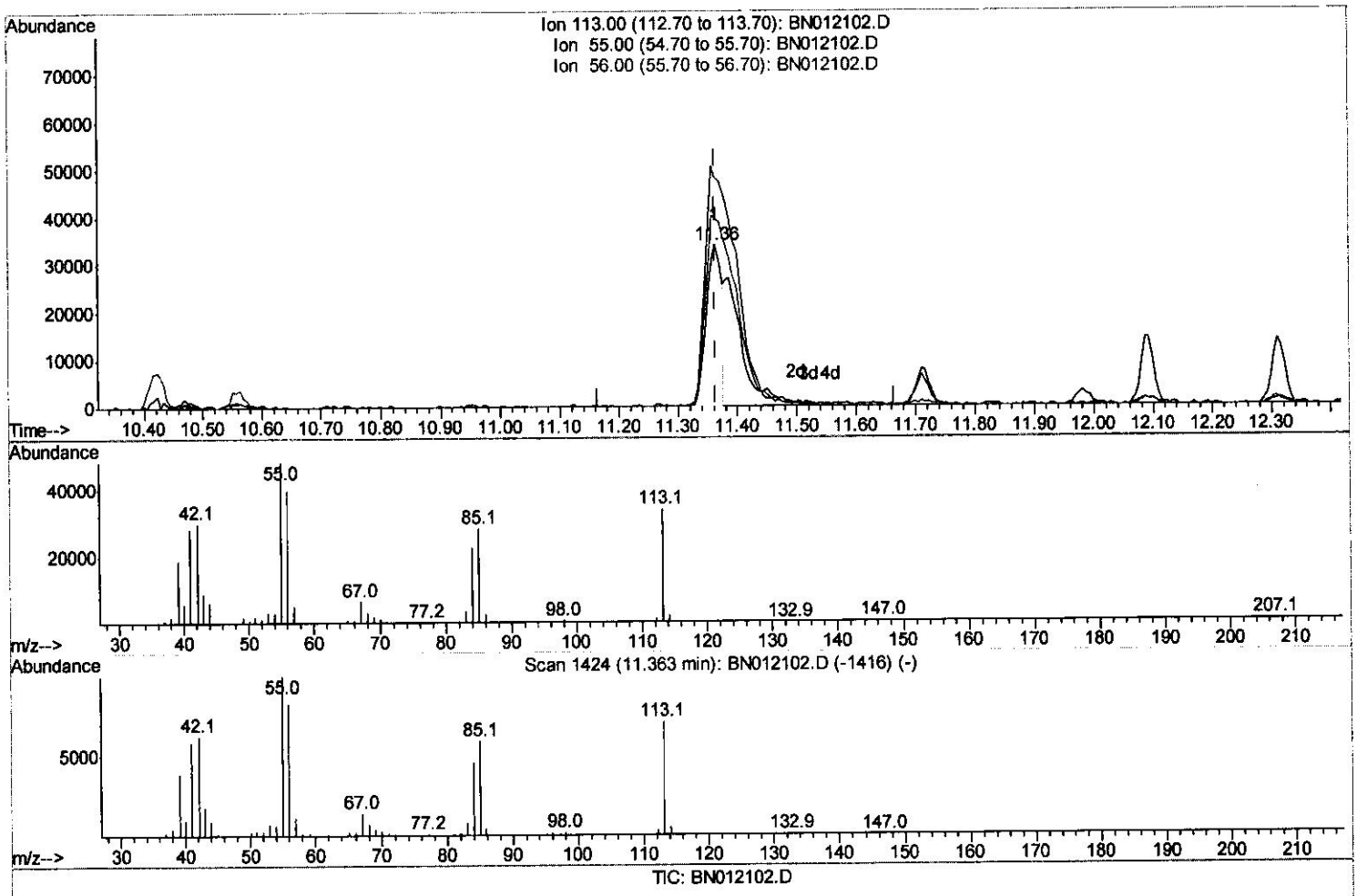
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 15:36:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM



TIC: BN012102.D

(32) Caprolactam

11.363min (0.000) 11.17ng/ul

response 60230

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	142.01
56.00	122.90	116.57
0.00	0.00	0.00

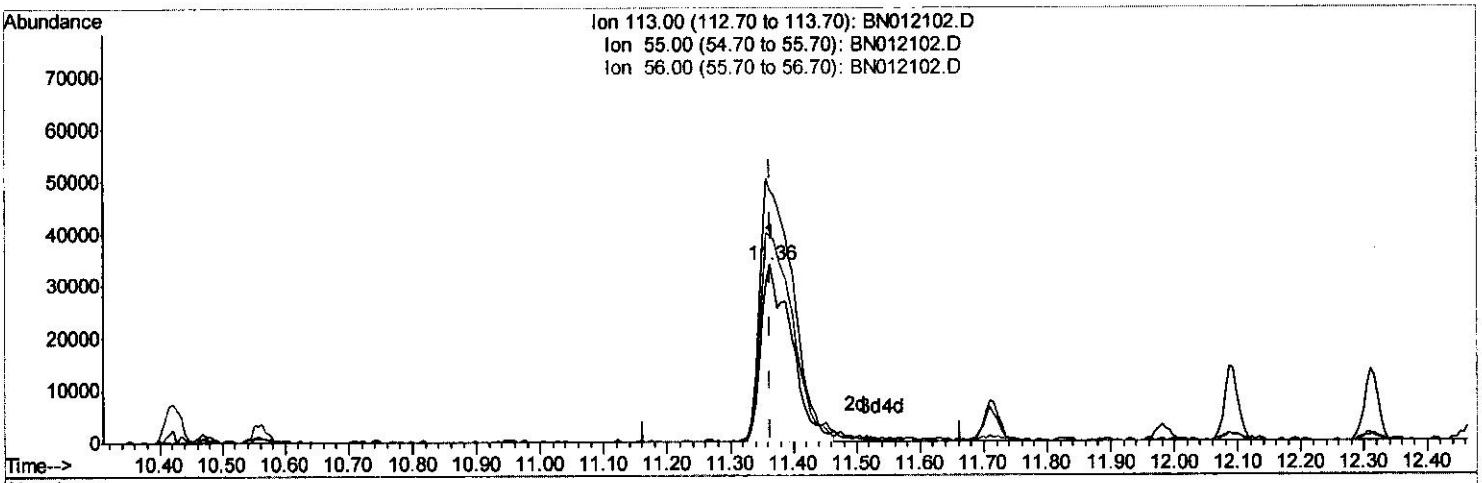
Quantitation Report (Qedit)

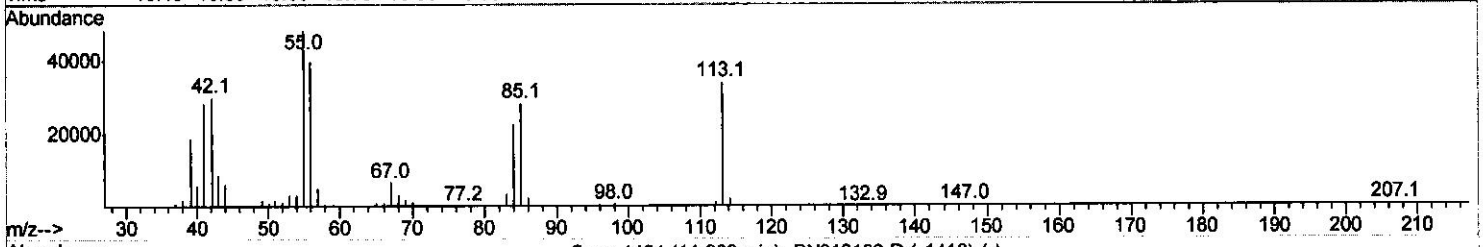
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

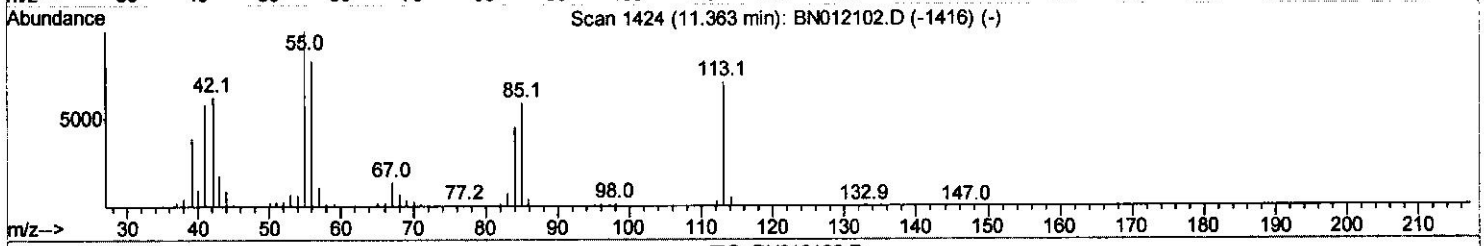
Quant Time: Oct 08 15:36:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM







TIC: BN012102.D

(32) Caprolactam

11.363min (0.000) 21.16ng/ul m 1c 113 120 JU

response 114050

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	142.01
56.00	122.90	116.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM

Quant Time: Oct 08 15:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	281069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1172011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	697955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1494900	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1471126	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1550348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	58826	9.11	ng/uL	0.00
5) Phenol-d5	6.82	99	462736	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	279751	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	377486	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	374996	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	180037	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	198860	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	365057	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	454963	19.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1053103	19.23	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1285873	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	192985	19.14	ng/ul	0.00
58) Fluorene-d10	15.29	176	905349	18.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	178595	18.72	ng/ul	0.00
71) Anthracene-d10	17.13	188	1357919	18.73	ng/ul	0.00
79) Pyrene-d10	19.43	212	1457147	18.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1624075	18.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	60996	7.521	ng/uL	95
4) Benzaldehyde	6.80	77	317976	23.548	ng/ul	97
6) Phenol	6.85	94	502885	20.610	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.08	93	387160	19.530	ng/ul	100
10) 2-Chlorophenol	7.22	128	404118	20.598	ng/ul	96
11) 2-Methylphenol	8.09	108	372617	20.559	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	512838	20.059	ng/ul	98
14) Acetophenone	8.46	105	613289	20.839	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	312333	21.149	ng/ul	96
16) 4-Methylphenol	8.41	108	400211	20.592	ng/ul	90
17) Hexachloroethane	8.72	117	167817	18.800	ng/ul	98
20) Nitrobenzene	8.84	77	462296	17.972	ng/ul	97
21) Isophorone	9.36	82	829246	19.233	ng/ul	97
23) 2-Nitrophenol	9.55	139	218025	19.585	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	458391	18.976	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	505044	18.666	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	368117	18.833	ng/ul	99
28) Naphthalene	10.47	128	1253710	18.690	ng/ul	99
30) 4-Chloroaniline	10.59	127	485134	21.169	ng/ul	97
31) Hexachlorobutadiene	10.76	225	229240	17.322	ng/ul	97
32) Caprolactam	11.36	113	114050m	21.161	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	415786	19.574	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	858503	18.623	ng/ul	93

10/13/20 JV

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM

Quant Time: Oct 08 15:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	810782	17.797 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	434678	19.225 ng/ul	95
38) Hexachlorocyclopentadiene	12.44	237	293212	18.341 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	286869	20.236 ng/ul	86
40) 2,4,5-Trichlorophenol	12.77	196	307964	20.139 ng/ul	88
41) 1,1'-Biphenyl	13.12	154	1108499	19.174 ng/ul	97
42) 2-Chloronaphthalene	13.15	162	857542	18.625 ng/ul	97
43) 2-Nitroaniline	13.36	65	263898	20.000 ng/ul	93
45) Dimethylphthalate	13.75	163	1098533	19.472 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	220980	20.068 ng/ul	89
48) Acenaphthylene	14.00	152	1321877	19.251 ng/ul	99
49) 3-Nitroaniline	14.19	138	219768	21.872 ng/ul	90
50) Acenaphthene	14.35	153	934804	18.942 ng/ul	97
51) 2,4-Dinitrophenol	14.40	184	126675	18.869 ng/ul	86
53) 4-Nitrophenol	14.50	109	169886	18.086 ng/ul	95
54) Dibenzofuran	14.69	168	1280600	19.020 ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	323885	20.262 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.92	232	257775	20.195 ng/ul	95
57) Diethylphthalate	15.12	149	1101999	18.980 ng/ul	99
59) Fluorene	15.34	166	1073116	19.012 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	515866	18.725 ng/ul	96
61) 4-Nitroaniline	15.36	138	232057	21.374 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.42	198	187568	18.075 ng/ul	97
65) N-Nitrosodiphenylamine	15.55	169	918720	19.270 ng/ul	95
66) 4-Bromophenyl-phenylether	16.23	248	306480	17.926 ng/ul	98
67) Hexachlorobenzene	16.35	284	361457	18.118 ng/ul	90
68) Atrazine	16.51	200	326010	18.689 ng/ul	97
69) Pentachlorophenol	16.69	266	223150	18.867 ng/ul	96
70) Phenanthrene	17.08	178	1709382	18.769 ng/ul	97
72) Anthracene	17.17	178	1688891	18.366 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	410514	18.890 ng/uL	95
74) Pentachlorobenzene	14.61	250	411249	18.450 ng/uL	97
75) Carbazole	17.44	167	1537091	19.250 ng/ul	100
76) Di-n-butylphthalate	18.01	149	1858549	18.330 ng/ul	99
77) Fluoranthene	19.10	202	1922783	18.797 ng/ul	98
80) Pyrene	19.46	202	1917011	18.065 ng/ul	98
81) Butylbenzylphthalate	20.38	149	893178	20.474 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	708821	20.710 ng/ul	94
83) Benzo(a)anthracene	21.22	228	1836801	18.534 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1311861	19.594 ng/ul	98
85) Chrysene	21.27	228	1807195	18.548 ng/ul	98
87) Di-n-octyl phthalate	22.03	149	2254454	19.579 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	1927635	17.749 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2001405	18.708 ng/ul	98
91) Benzo(a)pyrene	23.34	252	1696445	17.219 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	2305829	18.329 ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	1896307	18.297 ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	1886681	17.610 ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100820\
Data File : BN012102.D
Acq On : 08 Oct 2020 14:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 15:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
10/12/2020 11:32:55 AM