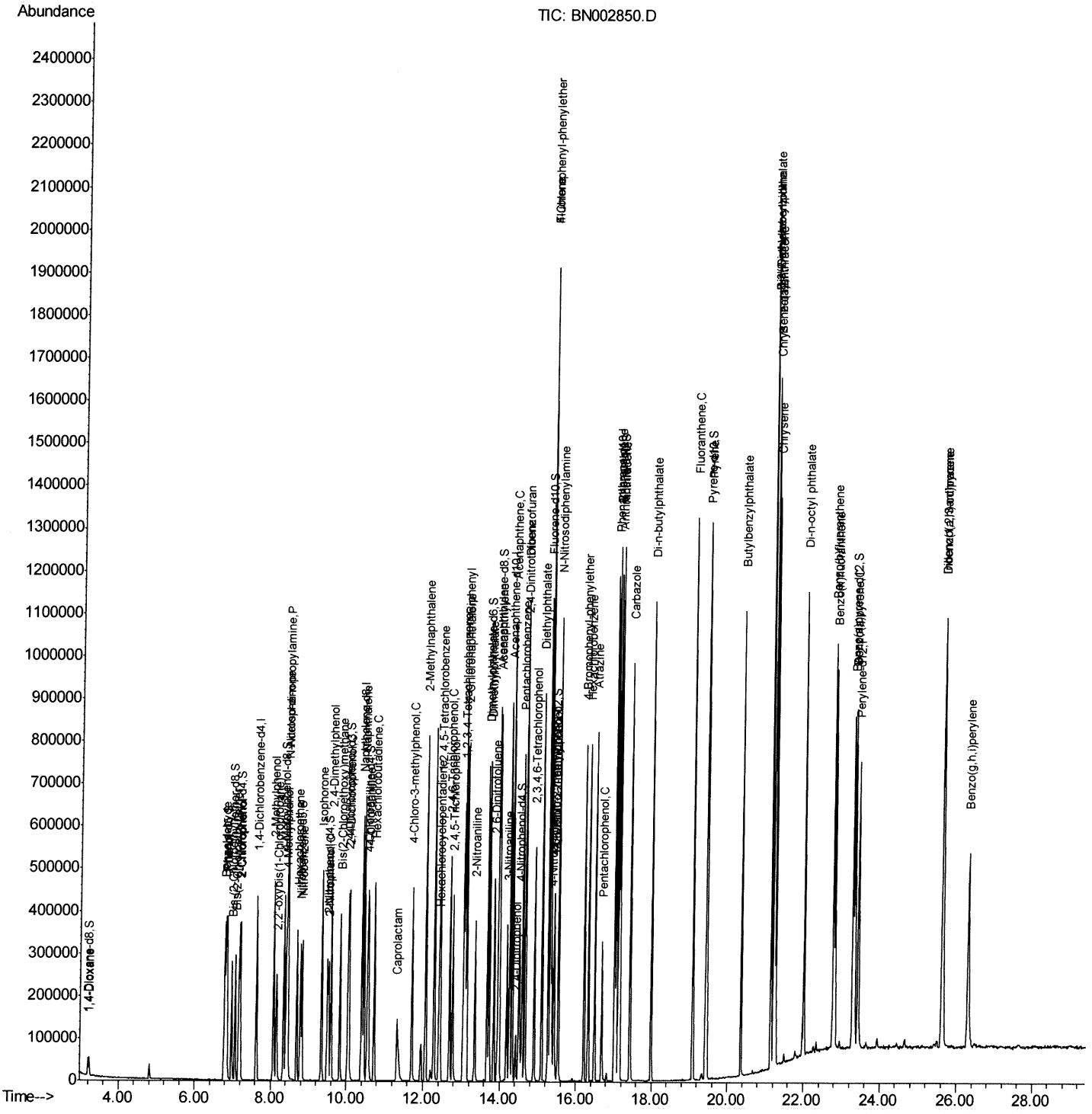
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092718\
Data File : BN002850.D
Acq On : 27 Sep 2018 11:02
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 12:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 05:43:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02063

Manual Integrations APPROVED
Sohil
9/28/2018 4:25:02 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092718\
Data File : BN002850.D
Acq On : 27 Sep 2018 11:02
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 12:42:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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LabSampleId :
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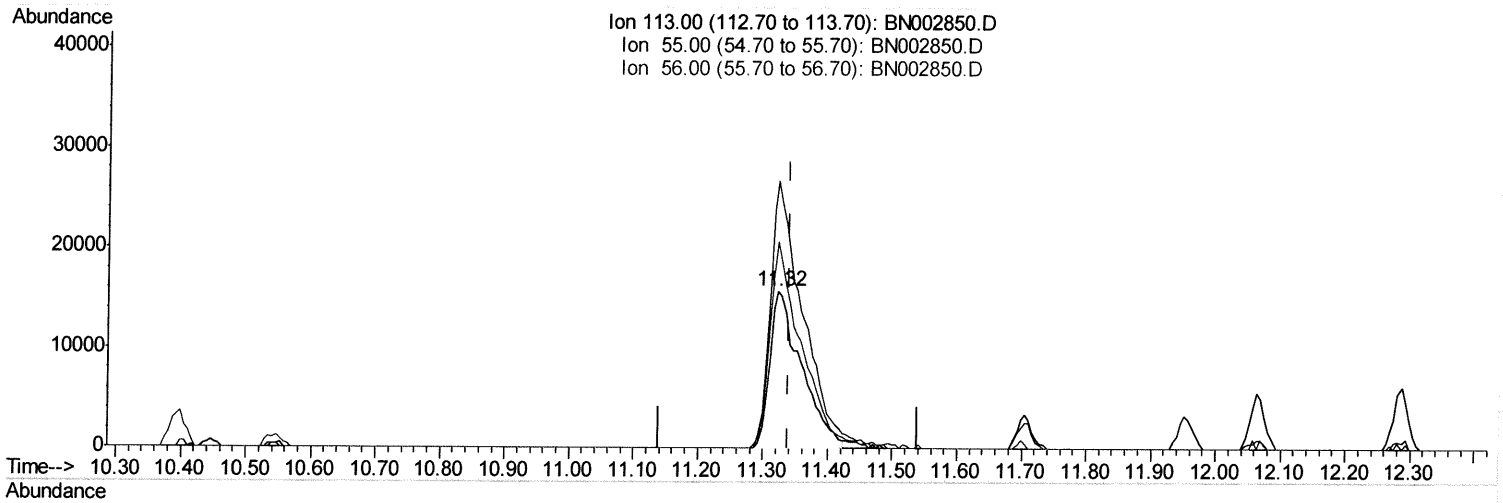
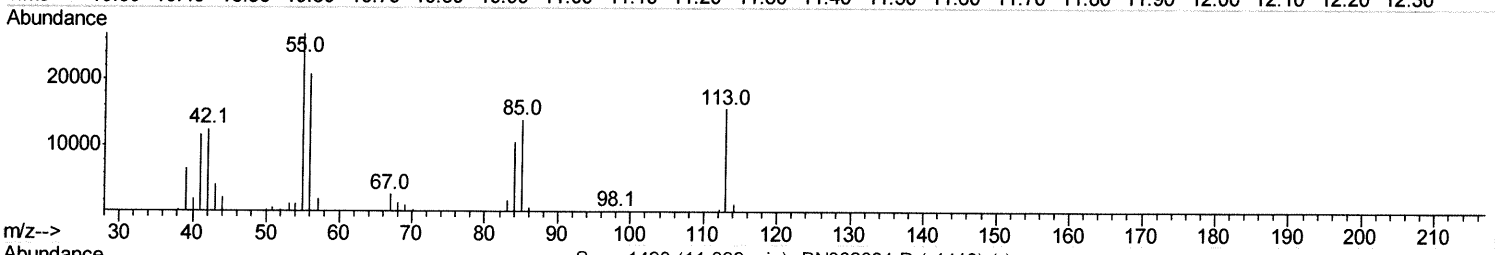
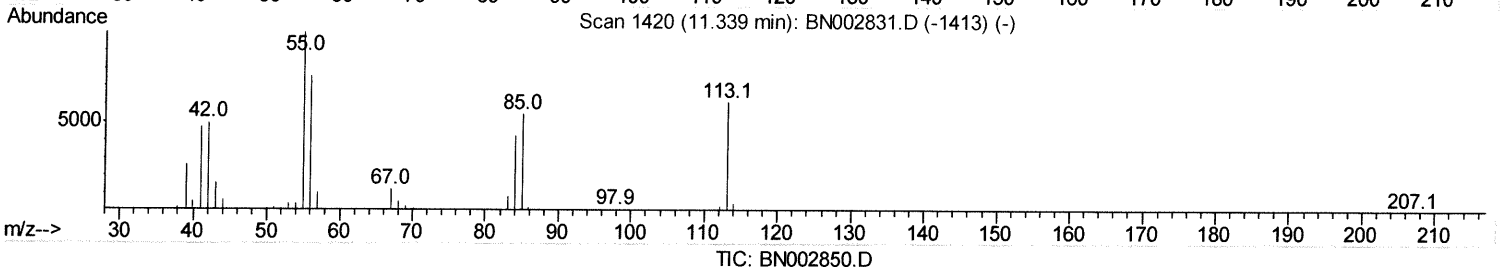
9/28/2018 4:25:02 PM







TIC: BN002850.D

(32) Caprolactam

11.322min (-0.017) 21.21ng/ul

response 53163

Ion	Exp%	Act%
113.00	100	100
55.00	171.20	170.50
56.00	128.00	132.15
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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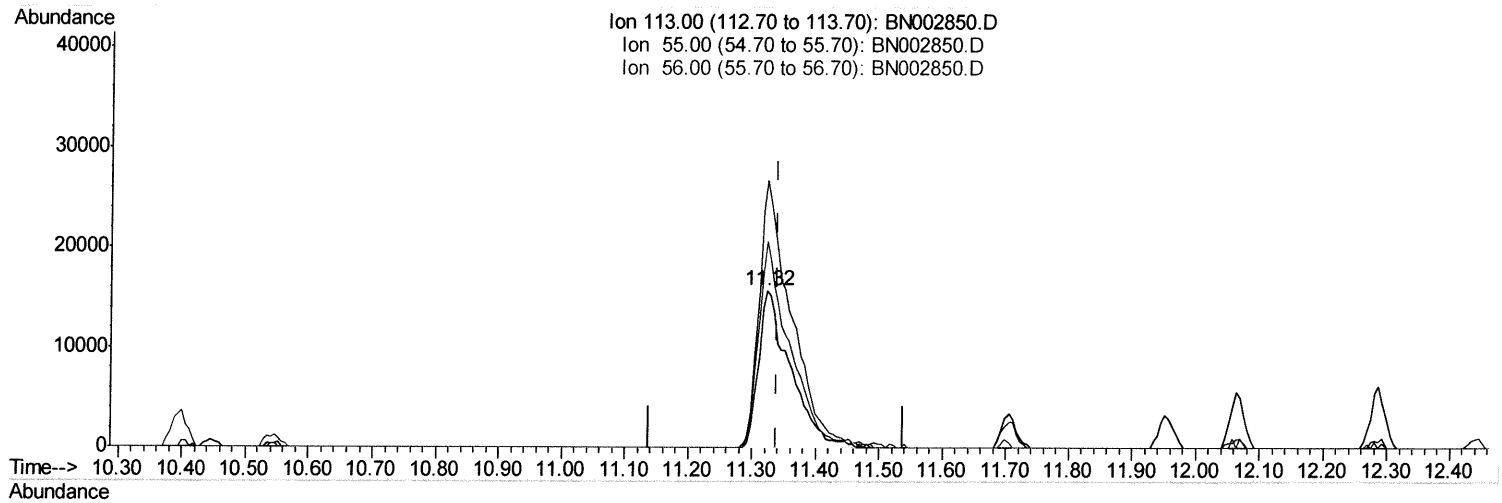
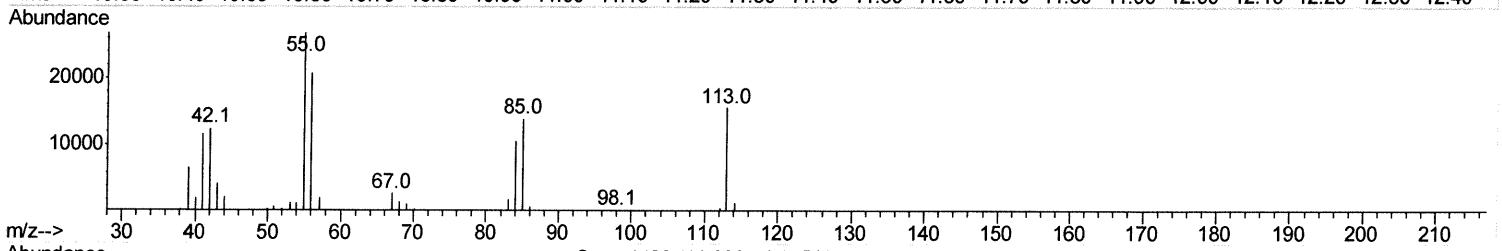
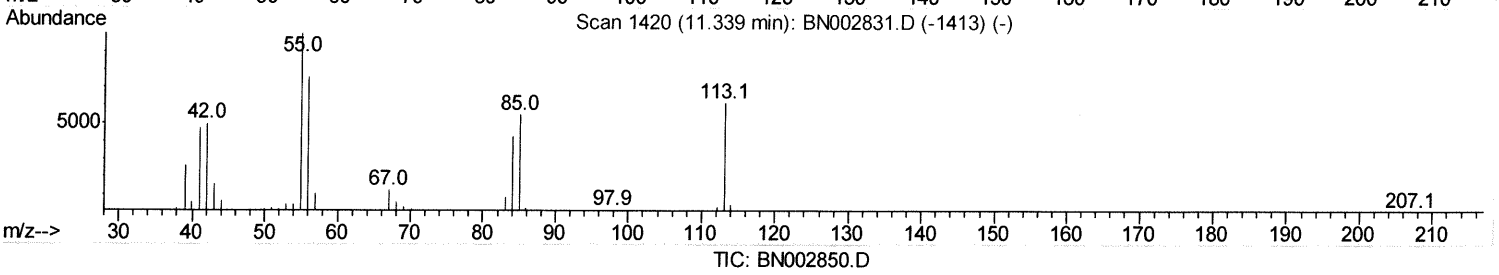
Instrument :
BNA_N
LabSampleId :
SSTD02063

Manual Integrations APPROVED
Sohil
9/28/2018 4:25:02 PM







TIC: BN002850.D

(32) Caprolactam

11.322min (-0.017) 21.67ng/ul m SJ 10/01/18

response 54311

Ion	Exp%	Act%
113.00	100	100
55.00	171.20	170.50
56.00	128.00	132.15
0.00	0.00	0.00

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Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 05:43:40 2018
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTD02063

Manual Integrations APPROVED
Sohil
9/28/2018 4:25:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	124200	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	531291	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.26	164	308342	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.02	188	668313	20.00	ng/ul	-0.01
77) Chrysene-d12	21.22	240	559570	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	500388	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	21359	7.93	ng/uL	-0.02
5) Phenol-d5	6.82	99	211226	20.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	130098	19.86	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.17	132	172399	19.86	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	165850	20.30	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	82971	20.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	96687	20.76	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	170618	20.29	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	215073	22.11	ng/ul	-0.02
43) Dimethylphthalate-d6	13.68	166	508988	21.09	ng/ul	-0.01
46) Acenaphthylene-d8	13.95	160	644337	20.45	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.50	143	72085	18.06	ng/ul	-0.01
57) Fluorene-d10	15.26	176	440516	20.83	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	74925	17.92	ng/ul	-0.01
70) Anthracene-d10	17.12	188	654279	20.51	ng/ul	-0.01
78) Pyrene-d10	19.42	212	647763	21.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	531186	20.17	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	23340	7.755	ng/uL	95
4) Benzaldehyde	6.79	77	133821	23.208	ng/ul	96
6) Phenol	6.84	94	212294	19.961	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	167534	20.481	ng/ul	99
10) 2-Chlorophenol	7.20	128	171729	19.934	ng/ul	97
11) 2-Methylphenol	8.08	108	160065	20.042	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	248073	19.362	ng/ul	99
14) Acetophenone	8.45	105	257133	20.432	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	133220	21.064	ng/ul	95
16) 4-Methylphenol	8.40	108	172983	20.421	ng/ul	99
17) Hexachloroethane	8.69	117	67643	19.531	ng/ul	98
20) Nitrobenzene	8.82	77	191874	20.058	ng/ul	100
21) Isophorone	9.33	82	365791	20.727	ng/ul	100
23) 2-Nitrophenol	9.53	139	99884	20.713	ng/ul	93
24) 2,4-Dimethylphenol	9.59	107	192807	20.277	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	230393	20.747	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	167645	20.546	ng/ul	97
28) Naphthalene	10.45	128	553846	20.226	ng/ul	99
30) 4-Chloroaniline	10.56	127	213224	21.895	ng/ul	94
31) Hexachlorobutadiene	10.73	225	102400	19.647	ng/ul	99
32) Caprolactam	11.32	113	54311m	21.670	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	174842	21.014	ng/ul	93
34) 2-Methylnaphthalene	12.06	142	397010	20.743	ng/ul	98

SJ 10/1/18

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Misc :
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Instrument :
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Manual Integrations APPROVED
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9/28/2018 4:25:02 PM

Quant Time: Sep 27 12:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 05:43:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	202222	19.742 ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	82548	18.009 ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	129760	19.857 ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	136763	19.983 ng/ul	100
40) 1,1'-Biphenyl	13.09	154	514346	20.253 ng/ul	99
41) 2-Chloronaphthalene	13.13	162	398306	19.989 ng/ul	98
42) 2-Nitroaniline	13.35	65	111343	20.124 ng/ul	95
44) Dimethylphthalate	13.73	163	495248	21.024 ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	102245	21.544 ng/ul	97
47) Acenaphthylene	13.99	152	611187	20.642 ng/ul	98
48) 3-Nitroaniline	14.19	138	98807	21.352 ng/ul	99
49) Acenaphthene	14.33	153	424890	20.259 ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	34226	13.641 ng/ul	94
52) 4-Nitrophenol	14.51	109	48719	17.544 ng/ul	94
53) Dibenzofuran	14.67	168	600236	20.813 ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	147718	22.002 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.90	232	114953	21.219 ng/ul#	94
56) Diethylphthalate	15.10	149	498419	21.596 ng/ul	99
58) Fluorene	15.32	166	486367	21.055 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	247543	21.431 ng/ul	95
60) 4-Nitroaniline	15.35	138	102911	20.976 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	77078	18.258 ng/ul	92
64) N-Nitrosodiphenylamine	15.53	169	421078	20.304 ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	149538	20.409 ng/ul	98
66) Hexachlorobenzene	16.33	284	164424	20.543 ng/ul	96
67) Atrazine	16.49	200	146377	20.636 ng/ul	99
68) Pentachlorophenol	16.68	266	71302	19.126 ng/ul	97
69) Phenanthrene	17.06	178	747665	20.305 ng/ul	99
71) Anthracene	17.15	178	764275	20.471 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	212053	18.573 ng/uL	98
73) Pentachlorobenzene	14.59	250	202810	19.894 ng/uL	98
74) Carbazole	17.43	167	653329	20.392 ng/ul	98
75) Di-n-butylphthalate	17.99	149	812175	21.128 ng/ul	100
76) Fluoranthene	19.08	202	814412	20.734 ng/ul	97
79) Pyrene	19.45	202	816796	22.077 ng/ul	98
80) Butylbenzylphthalate	20.36	149	318357	20.679 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.15	252	229686	20.325 ng/ul	97
82) Benzo(a)anthracene	21.20	228	700507	20.124 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	437549	19.577 ng/ul	100
84) Chrysene	21.26	228	655665	20.095 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	681307	20.599 ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	629122	20.587 ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	575011	20.169 ng/ul	99
90) Benzo(a)pyrene	23.33	252	581205	20.117 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	667706	19.522 ng/ul	97
92) Dibenzo(a,h)anthracene	25.63	278	561507	19.484 ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	560790	19.614 ng/ul	98

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