

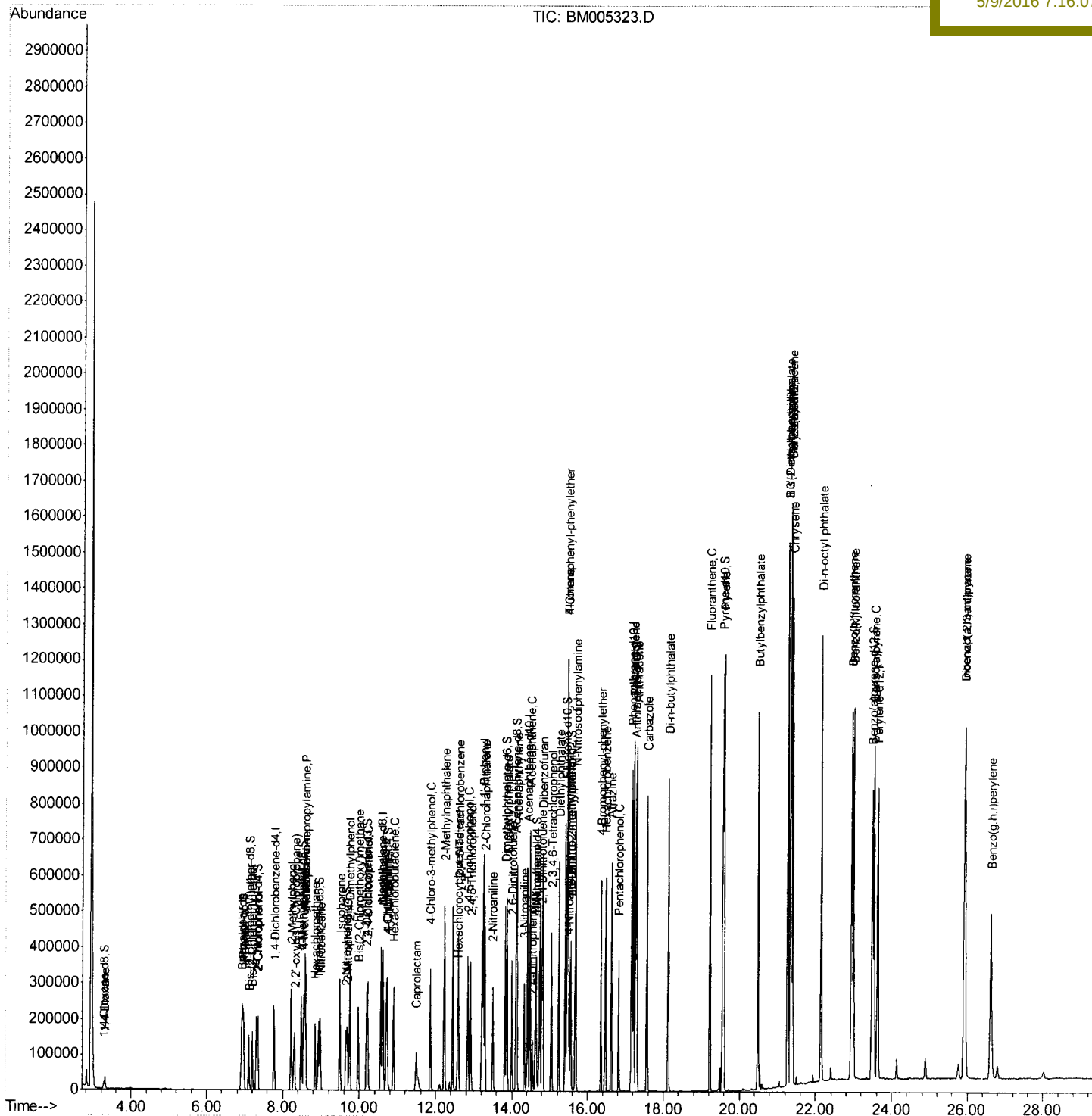
```
Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM050716\  
Data File  : BM005323.D  
Acq On     : 07 May 2016   23:25  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: May 08 02:13:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 07:05:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED

Sohil
5/9/2016 7:16:07 PM



Quantitation Report (Qedit)

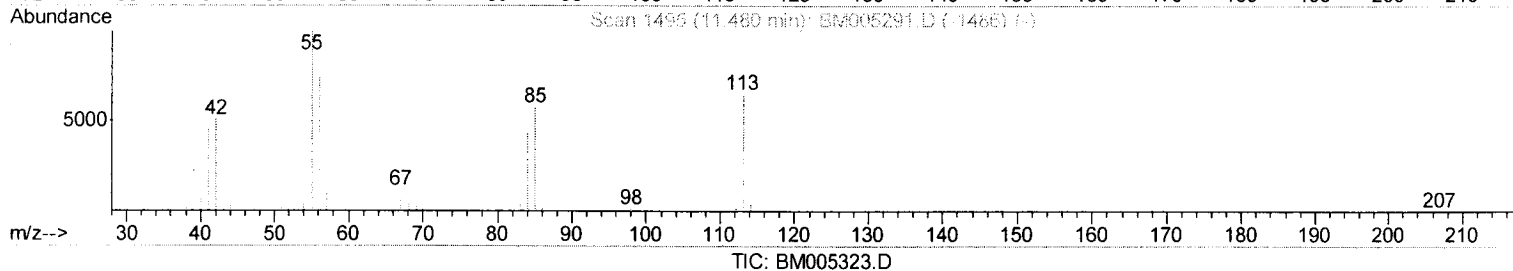
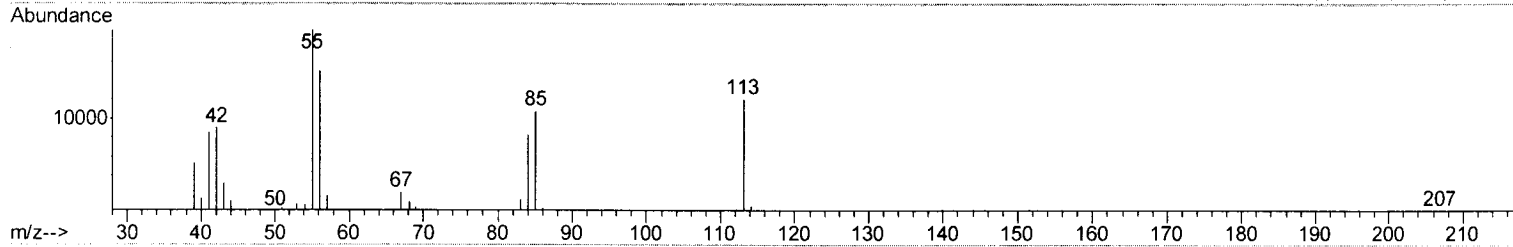
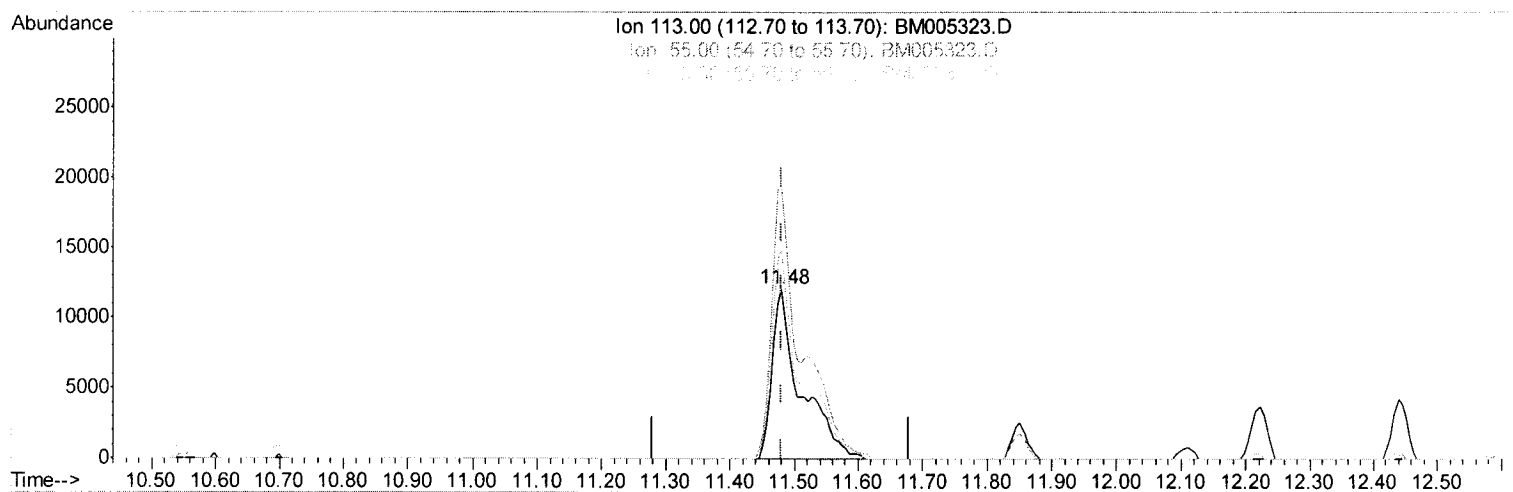
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
Data File : BM005323.D
Acq On : 07 May 2016 23:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations
APPROVED

Sohil
5/9/2016 7:16:07 PM

Quant Time: May 08 01:23:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 07:05:19 2016
Response via : Initial Calibration



TIC: BM005323.D

(32) Caprolactam

11.480min (+0.000) 20.04ng/ul m U. M
response 37300 05/10/16

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	160.37
56.00	120.80	124.35
0.00	0.00	0.00

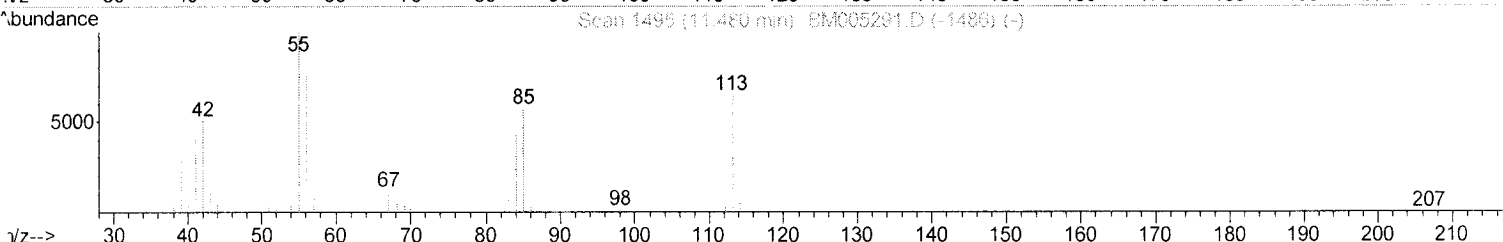
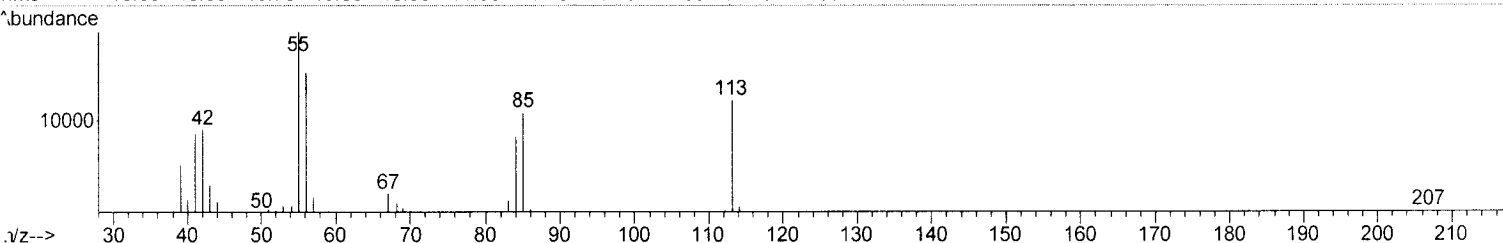
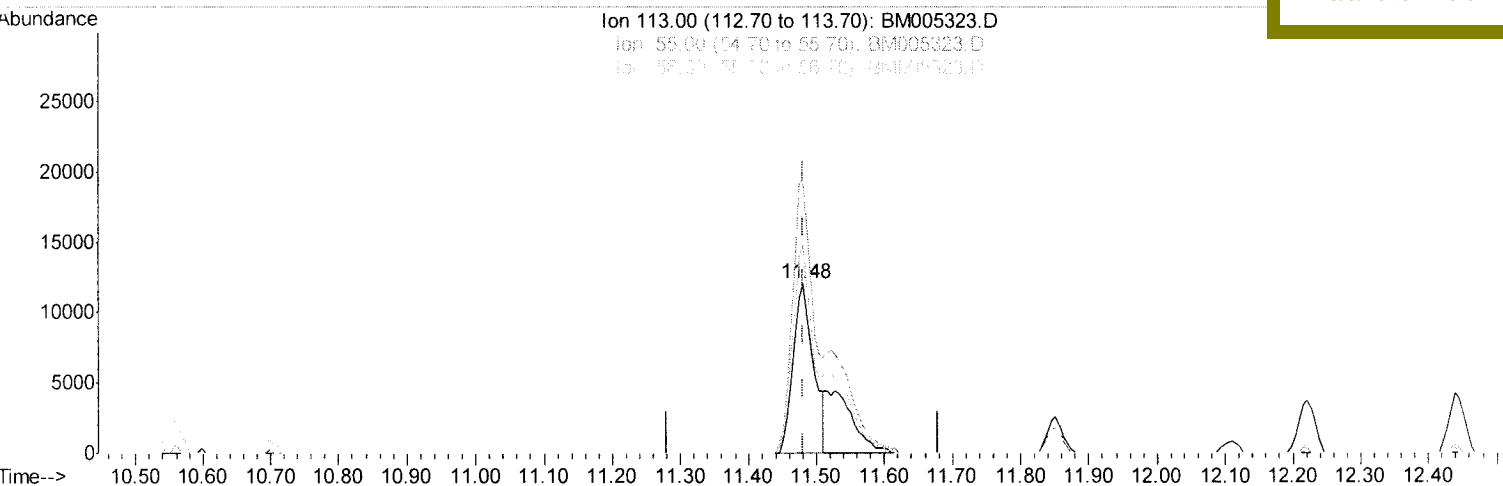
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
 Data File : BM005323.D
 Acq On : 07 May 2016 23:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02054

Quant Time: May 08 01:23:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:16:07 PM



TIC: BM005323.D

(32) Caprolactam

11.480min (+0.000) 13.43ng/ul

response 24998

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	160.37
56.00	120.80	124.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
 Data File : BM005323.D
 Acq On : 07 May 2016 23:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02054

Quant Time: May 08 02:13:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:16:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	66317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	324724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	217150	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	539300	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	621203	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	615557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10979	7.78	ng/uL	0.00
5) Phenol-d5	6.94	99	123106	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	67409	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	93024	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	101774	20.47	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	47756	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	53959	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	103660	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	139839	23.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	346939	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	420835	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	62850	19.78	ng/ul	0.00
57) Fluorene-d10	15.40	176	309520	20.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	63261	20.85	ng/ul	0.00
70) Anthracene-d10	17.26	188	510343	21.41	ng/ul	0.00
76) Pyrene-d10	19.56	212	586182	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	565987	20.77	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	19495	7.58 ng/uL#	95
4) Benzaldehyde	6.92	77	75109	25.77 ng/ul	97
6) Phenol	6.97	94	127607	20.53 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	92843	19.84 ng/ul	97
10) 2-Chlorophenol	7.33	128	94292	20.29 ng/ul	96
11) 2-Methylphenol	8.21	108	98776	20.56 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.30	45	128974	20.32 ng/ul	99
14) Acetophenone	8.59	105	157043	21.32 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	80522	20.92 ng/ul	98
16) 4-Methylphenol	8.54	108	109965	20.62 ng/ul	98
17) Hexachloroethane	8.84	117	35069	20.06 ng/ul	90
20) Nitrobenzene	8.97	77	118591	20.43 ng/ul	99
21) Isophorone	9.49	82	227447	20.18 ng/ul	99
23) 2-Nitrophenol	9.67	139	58821	20.80 ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	125364	20.89 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	136499	19.45 ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	104466	20.91 ng/ul	97
28) Naphthalene	10.61	128	333913	20.44 ng/ul	99
30) 4-Chloroaniline	10.72	127	142797	23.85 ng/ul	96
31) Hexachlorobutadiene	10.89	225	62131	20.92 ng/ul	98
32) Caprolactam	11.48	113	37300m	20.04 ng/ul	99
33) 4-Chloro-3-methylphenol	11.85	107	128098	21.38 ng/ul	99
34) 2-Methylnaphthalene	12.22	142	254849	20.86 ng/ul	100

U.M
 05/10/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
 Data File : BM005323.D
 Acq On : 07 May 2016 23:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02054

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:16:07 PM

Quant Time: May 08 02:13:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	134421	20.35	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	54914	16.27	ng/ul	94
38) 2,4,6-Trichlorophenol	12.84	196	90266	20.52	ng/ul	95
39) 2,4,5-Trichlorophenol	12.91	196	98328	20.14	ng/ul	96
40) 1,1'-Biphenyl	13.24	154	345152	20.06	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	266629	20.50	ng/ul	99
42) 2-Nitroaniline	13.49	65	83561	20.87	ng/ul	95
44) Dimethylphthalate	13.87	163	347866	20.00	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	72764	21.22	ng/ul	91
47) Acenaphthylene	14.13	152	448067	20.74	ng/ul	100
48) 3-Nitroaniline	14.33	138	80082	21.90	ng/ul	98
49) Acenaphthene	14.47	153	292368	20.54	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	34397	17.43	ng/ul	94
52) 4-Nitrophenol	14.64	109	54005	20.44	ng/ul	94
53) Dibenzofuran	14.81	168	428180	20.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	109594	21.43	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.04	232	88311	21.28	ng/ul#	96
56) Diethylphthalate	15.23	149	355948	20.26	ng/ul	99
58) Fluorene	15.46	166	340582	21.09	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	169042	21.13	ng/ul	99
60) 4-Nitroaniline	15.49	138	84113	21.71	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	66156	20.75	ng/ul#	90
64) N-Nitrosodiphenylamine	15.67	169	306451	20.75	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	107616	20.81	ng/ul	98
66) Hexachlorobenzene	16.47	284	121511	20.95	ng/ul	98
67) Atrazine	16.62	200	117780	21.85	ng/ul	99
68) Pentachlorophenol	16.82	266	65207	20.24	ng/ul	96
69) Phenanthrene	17.20	178	594054	20.95	ng/ul	100
71) Anthracene	17.29	178	598422	21.17	ng/ul	100
72) Carbazole	17.57	167	552443	22.21	ng/ul	99
73) Di-n-butylphthalate	18.12	149	631945	20.83	ng/ul	100
74) Fluoranthene	19.22	202	720202	22.92	ng/ul	98
77) Pyrene	19.59	202	738376	20.49	ng/ul	99
78) Butylbenzylphthalate	20.48	149	314710	21.04	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	240768	21.56	ng/ul	98
80) Benzo(a)anthracene	21.34	228	729483	20.41	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	441029	21.22	ng/ul	98
82) Chrysene	21.39	228	707190	20.86	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	807521	22.46	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	762985	21.21	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	718712	21.22	ng/ul	99
88) Benzo(a)pyrene	23.53	252	707483	20.79	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	714117	19.23	ng/ul	97
90) Dibenzo(a,h)anthracene	25.93	278	607238	19.54	ng/ul	98
91) Benzo(g,h,i)perylene	26.62	276	583408	18.55	ng/ul	98

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