

(QT Reviewed)

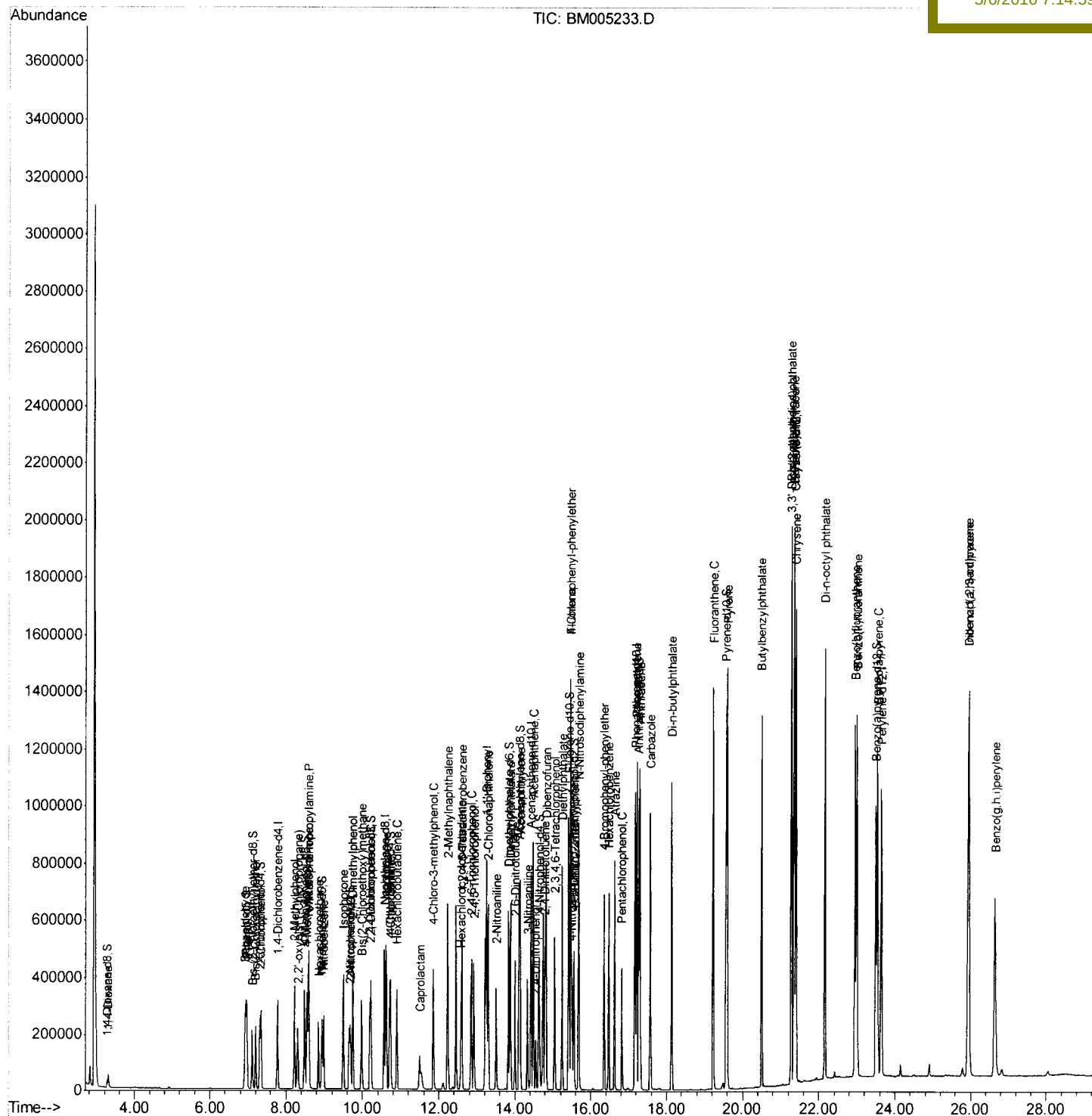
```
Data Path   : Z:\HPCHEM1\BNA_M\Data\BM050516\  
Data File  : BM005233.D  
Acq On     : 05 May 2016   12:21  
Operator   : UM/SJ  
Sample     : SSTD02042  
Misc       :  
ALS Vial   : 5      Sample Multiplier: 1
```

Quant Time: May 05 13:53:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 05 13:39:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02042

Manual Integrations APPROVED

sohil
5/6/2016 7:14:59 PM



Quantitation Report (Qedit)

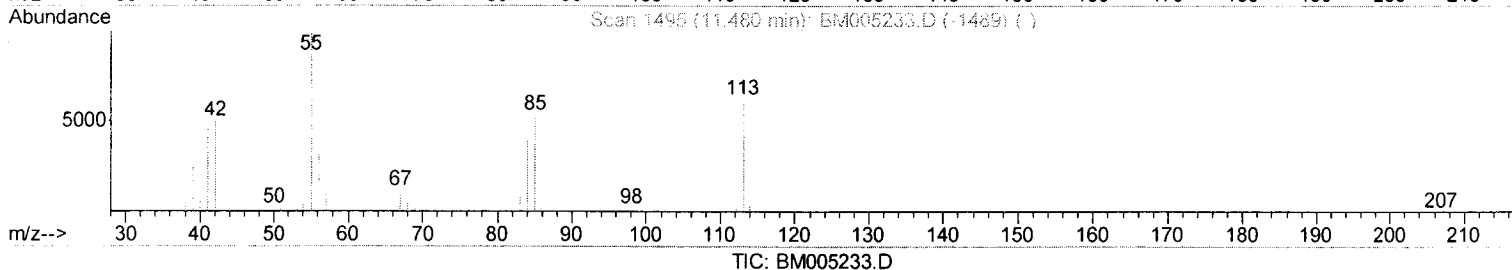
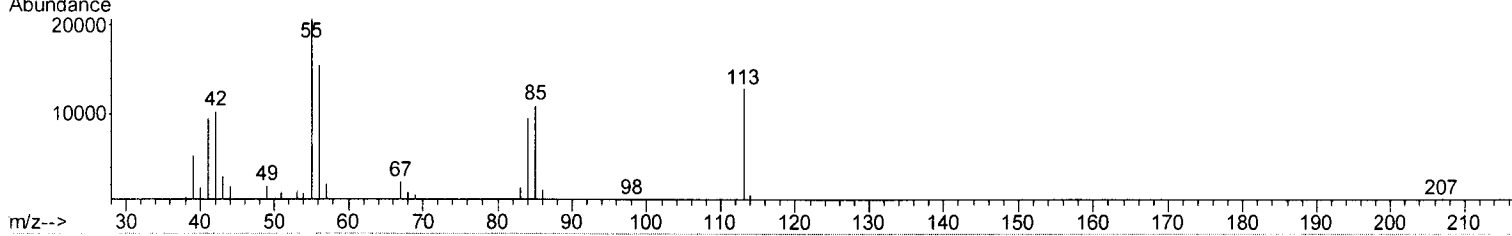
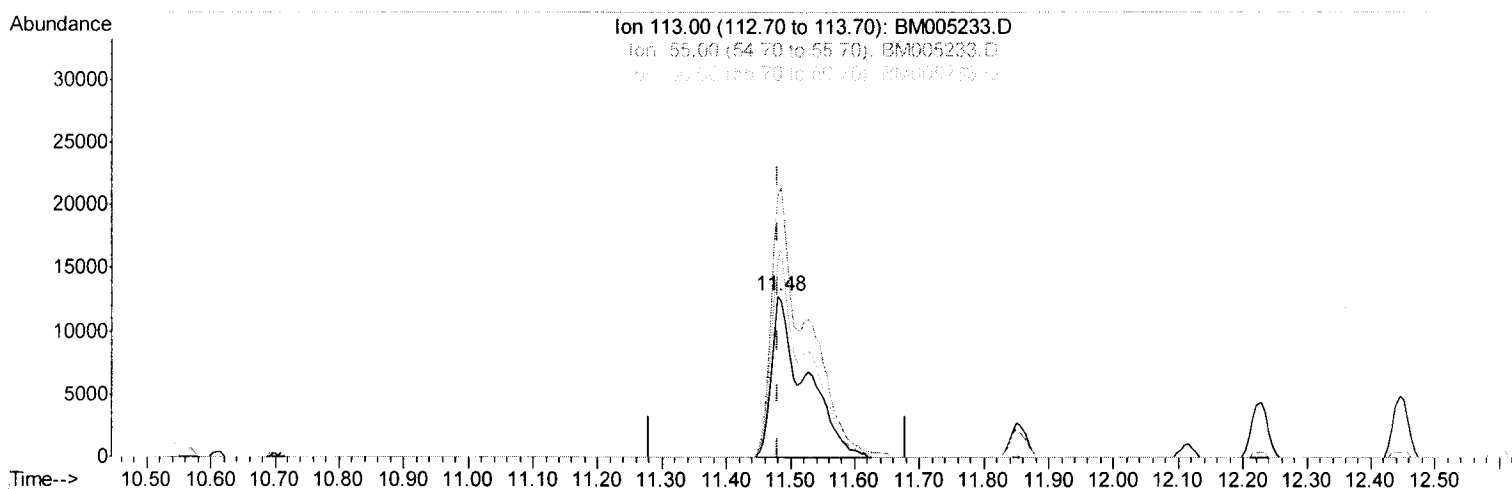
Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005233.D
 Acq On : 05 May 2016 12:21
 Operator : UM/SJ
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST02042

Manual Integrations
 APPROVED

sohil
 5/6/2016 7:14:59 PM

Quant Time: May 05 13:42:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration



(32) Caprolactam

11.480min (0.000) 22.00ng/ul m U M

response 46902

05/07/16

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	161.31
56.00	120.80	120.84
0.00	0.00	0.00

Quantitation Report (Qedit)

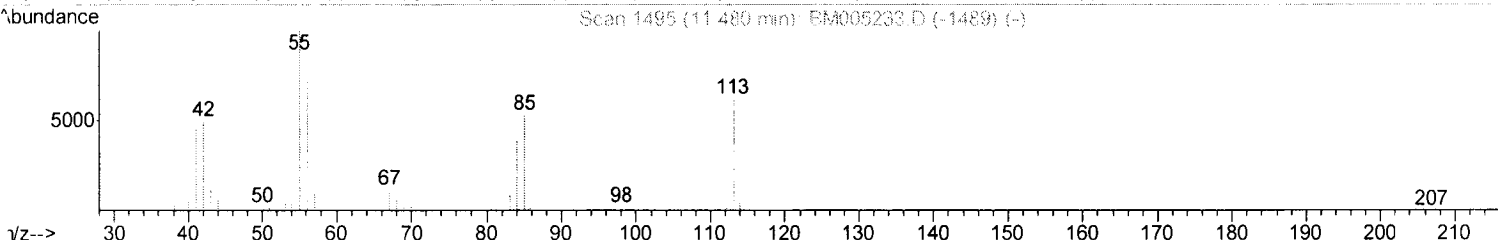
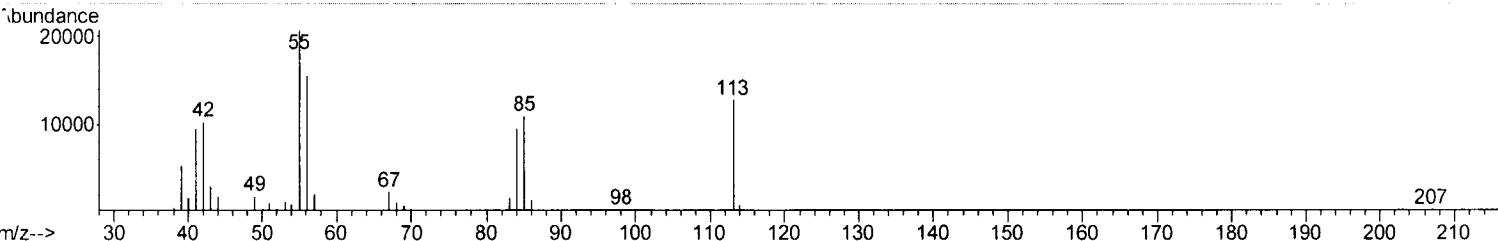
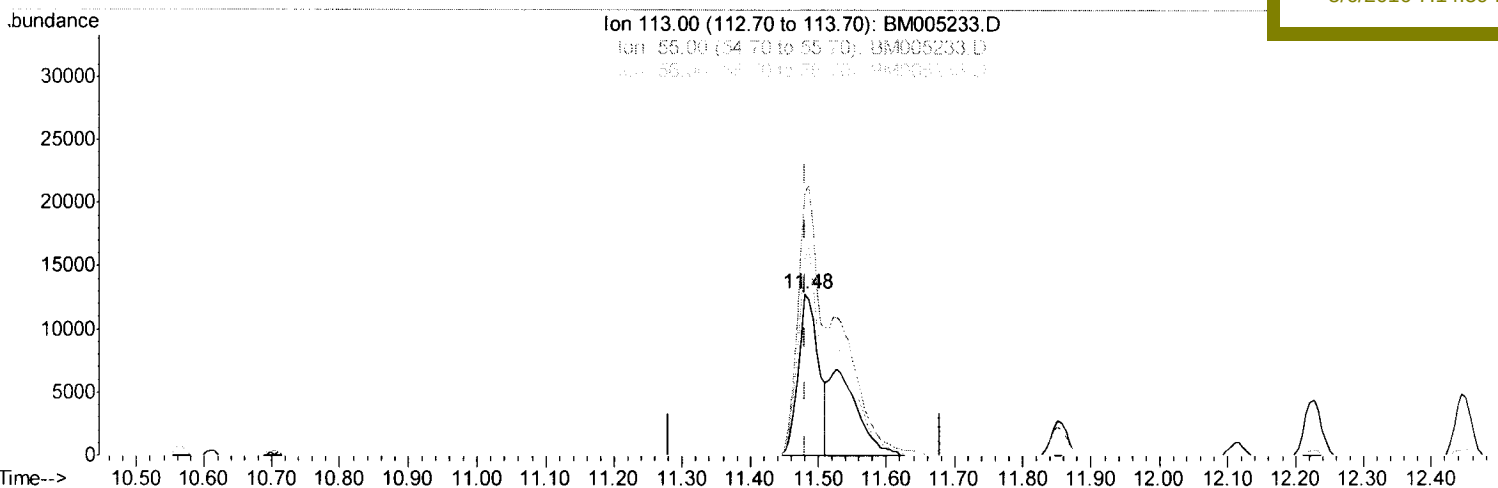
Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005233.D
 Acq On : 05 May 2016 12:21
 Operator : UM/SJ
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Quant Time: May 05 13:42:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/6/2016 7:14:59 PM



TIC: BM005233.D

(32) Caprolactam

11.480min (0.000) 12.53ng/ul

response 26716

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	161.31
56.00	120.80	120.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005233.D
 Acq On : 05 May 2016 12:21
 Operator : UM/SJ
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Quant Time: May 05 13:53:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/6/2016 7:14:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85340	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	410502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	259664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	638987	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	725743	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	742303	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14937	8.95	ng/uL	0.00
5) Phenol-d5	6.95	99	159033	22.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	94416	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	121697	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	131095	21.57	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	60545	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	69418	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	128474	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	175012	24.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	435081	21.29	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	512945	21.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	78607	21.96	ng/ul	0.00
57) Fluorene-d10	15.41	176	371068	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	71168	20.29	ng/ul	0.00
70) Anthracene-d10	17.26	188	584211	20.39	ng/ul	0.00
76) Pyrene-d10	19.56	212	692650	21.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	674114	20.45	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	28273	9.12 ng/uL	98
4) Benzaldehyde	6.92	77	98828	28.22 ng/ul	97
6) Phenol	6.97	94	166572	21.98 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	128185	22.34 ng/ul	97
10) 2-Chlorophenol	7.34	128	125006	21.60 ng/ul	98
11) 2-Methylphenol	8.22	108	127313	21.90 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	173188	23.08 ng/ul	99
14) Acetophenone	8.59	105	206418	22.31 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.57	70	104699	23.05 ng/ul	99
16) 4-Methylphenol	8.55	108	144160	22.09 ng/ul	96
17) Hexachloroethane	8.85	117	46148	20.40 ng/ul	99
20) Nitrobenzene	8.97	77	151589	21.86 ng/ul	97
21) Isophorone	9.49	82	296803	22.59 ng/ul	99
23) 2-Nitrophenol	9.68	139	74467	22.26 ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	156683	21.12 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	182804	22.11 ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	131526	21.54 ng/ul	99
28) Naphthalene	10.61	128	423115	20.37 ng/ul	99
30) 4-Chloroaniline	10.73	127	176934	24.08 ng/ul	98
31) Hexachlorobutadiene	10.89	225	75992	19.11 ng/ul	99
32) Caprolactam	11.48	113	46902m	22.00 ng/ul	99
33) 4-Chloro-3-methylphenol	11.85	107	157685	22.10 ng/ul	98
34) 2-Methylnaphthalene	12.23	142	318952	20.67 ng/ul	100

U.M.
 5/5/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005233.D
 Acq On : 05 May 2016 12:21
 Operator : UM/SJ
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST02042

Manual Integrations
 APPROVED

sohil
 5/6/2016 7:14:59 PM

Quant Time: May 05 13:53:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	164451	20.82	ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	76874	17.55	ng/ul	93
38) 2,4,6-Trichlorophenol	12.84	196	109648	22.05	ng/ul	94
39) 2,4,5-Trichlorophenol	12.92	196	120034	21.48	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	426795	21.03	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	322157	20.78	ng/ul	99
42) 2-Nitroaniline	13.50	65	101733	24.51	ng/ul	95
44) Dimethylphthalate	13.87	163	434026	21.07	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	87306	22.68	ng/ul	91
47) Acenaphthylene	14.14	152	540693	20.98	ng/ul	100
48) 3-Nitroaniline	14.33	138	96063	23.88	ng/ul	97
49) Acenaphthene	14.48	153	348839	20.46	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	40323	18.69	ng/ul	95
52) 4-Nitrophenol	14.64	109	63917	19.87	ng/ul	99
53) Dibenzofuran	14.82	168	513939	20.38	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	129322	21.49	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.04	232	103385	21.09	ng/ul#	93
56) Diethylphthalate	15.24	149	437479	21.02	ng/ul	99
58) Fluorene	15.47	166	396021	19.96	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	196258	19.88	ng/ul	99
60) 4-Nitroaniline	15.50	138	97225	21.74	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	76247	20.64	ng/ul#	88
64) N-Nitrosodiphenylamine	15.67	169	359924	20.72	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	126984	20.85	ng/ul	96
66) Hexachlorobenzene	16.47	284	142418	20.47	ng/ul	98
67) Atrazine	16.63	200	139465	22.03	ng/ul	99
68) Pentachlorophenol	16.82	266	75332	19.72	ng/ul	98
69) Phenanthrene	17.21	178	699634	20.40	ng/ul	99
71) Anthracene	17.30	178	692458	20.10	ng/ul	99
72) Carbazole	17.57	167	656169	21.91	ng/ul	99
73) Di-n-butylphthalate	18.13	149	766300	22.62	ng/ul	100
74) Fluoranthene	19.23	202	855338	22.33	ng/ul	100
77) Pyrene	19.59	202	871228	21.28	ng/ul	99
78) Butylbenzylphthalate	20.49	149	364649	23.71	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	292510	22.85	ng/ul	98
80) Benzo(a)anthracene	21.34	228	866329	20.93	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	528146	24.10	ng/ul	98
82) Chrysene	21.40	228	826013	20.76	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	943740	21.45	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	876542	19.96	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	862599	20.18	ng/ul	100
88) Benzo(a)pyrene	23.54	252	849948	20.48	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.94	276	934142	22.37	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	785969	22.48	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	779275	22.59	ng/ul	99

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