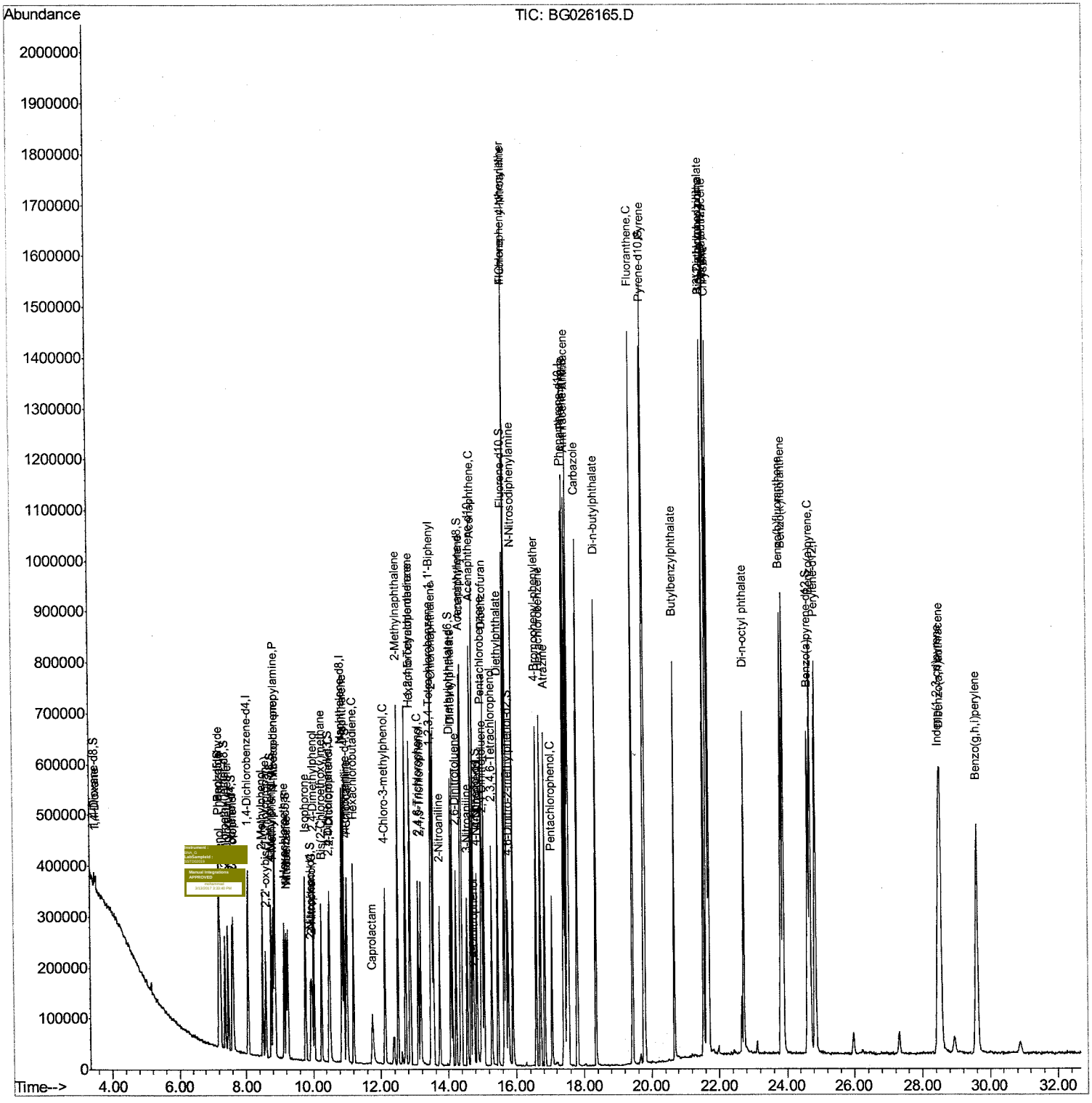
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
Data File : BG026165.D
Acq On : 10 Mar 2017 9:15
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 23:22:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
Data File : BG026165.D
Acq On : 10 Mar 2017 9:15
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 23:21:09 2017
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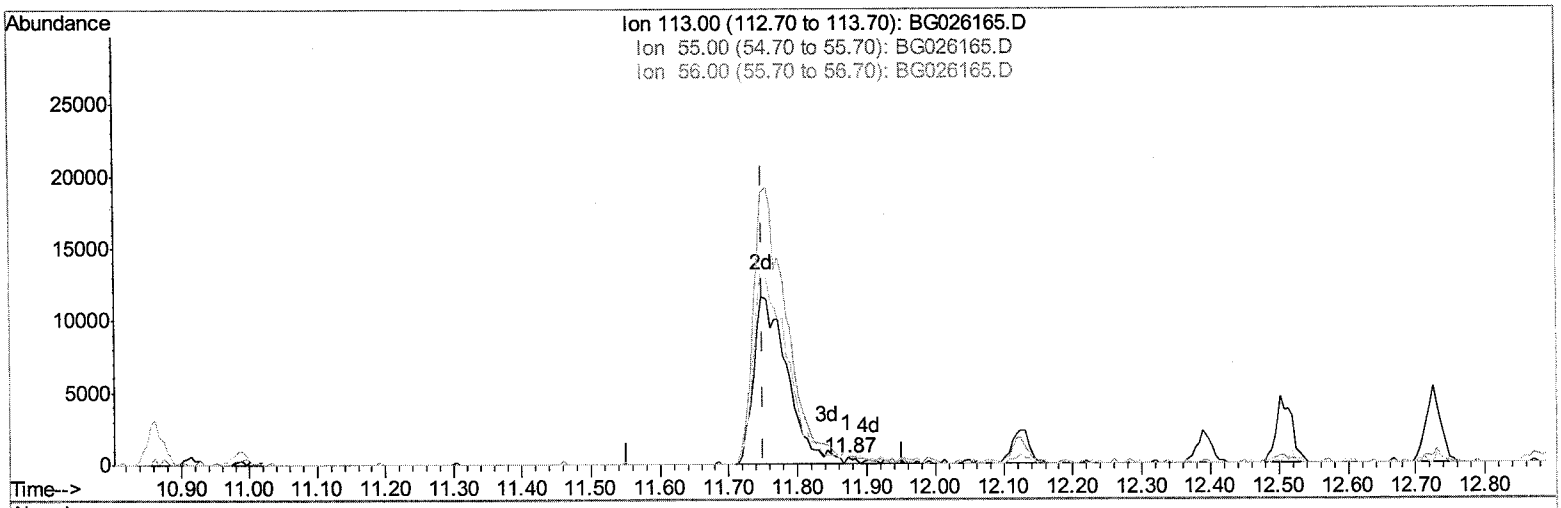
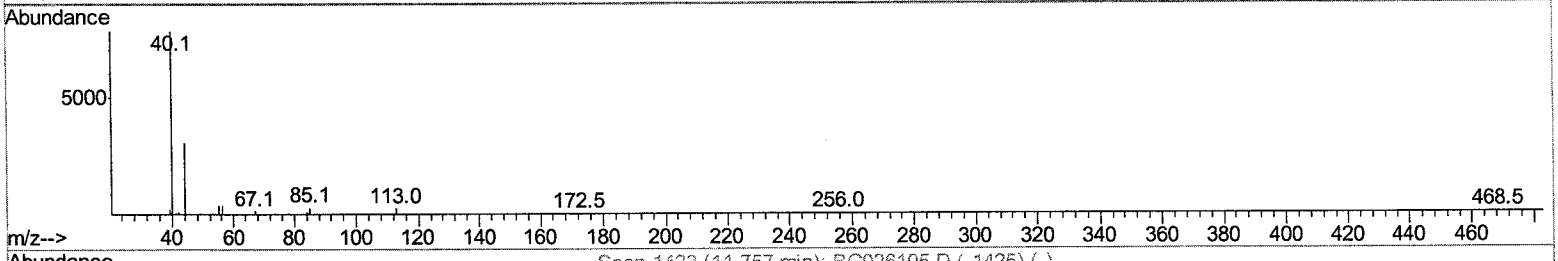
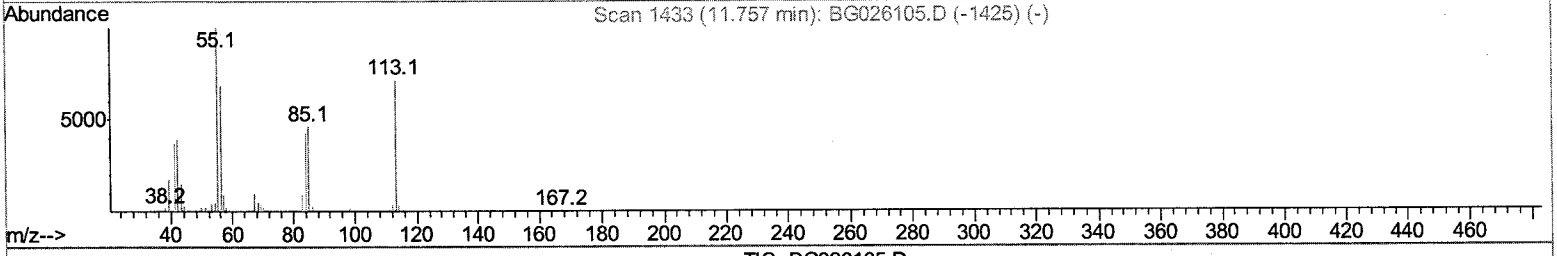
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration







TIC: BG026165.D

(32) Caprolactam

11.873min (+0.120) 0.16ng/ul

response 369

Ion	Exp%	
113.00	100	100
55.00	127.40	119.71
56.00	101.50	120.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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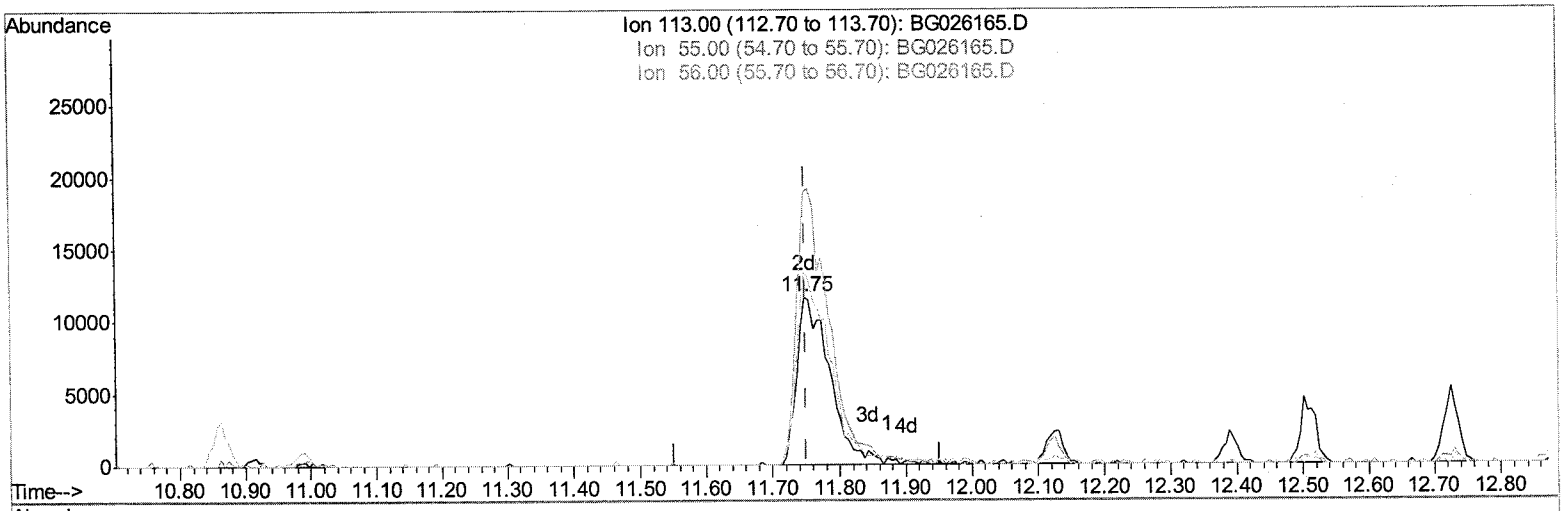

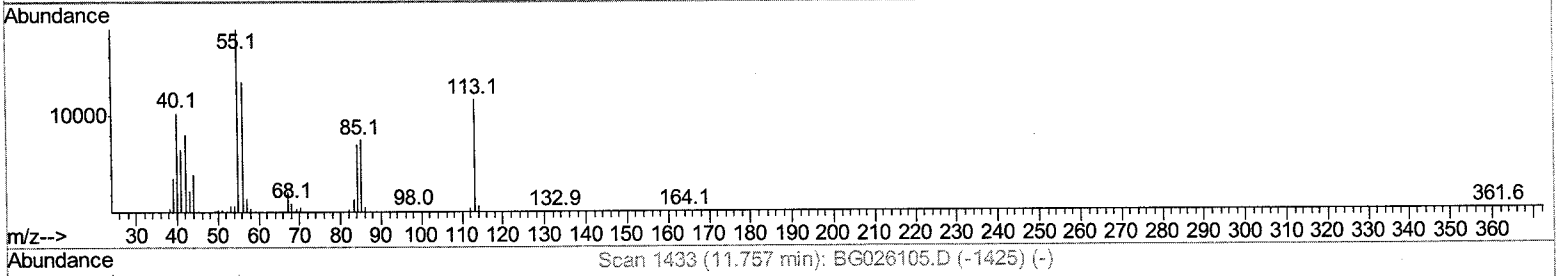

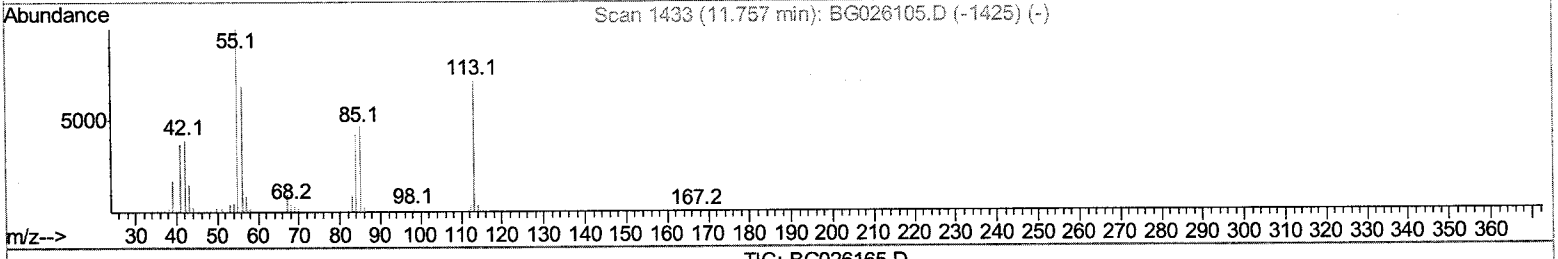

TIC: BG026165.D

(32) Caprolactam

11.749min (-0.003) 17.09ng/ul m SJ 3/13/17

response 39477

Ion	Exp%	
113.00	100	100
55.00	127.40	162.19#
56.00	101.50	116.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG026165.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 23:22:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	111681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	494440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.66	164	296464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	718656	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	791040	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	764050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	14245	5.48	ng/uL	0.00
5) Phenol-d5	7.21	99	157264	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	105388	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	133883	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	121771	18.77	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	74423	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	61444	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	136842	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	184916	20.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.06	166	403304	20.91	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	579431	22.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	77241	20.34	ng/ul	0.00
57) Fluorene-d10	15.65	176	423731	22.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	55060	16.33	ng/ul	0.00
70) Anthracene-d10	17.50	188	667589	20.47	ng/ul	0.00
78) Pyrene-d10	19.77	212	739033	22.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	684630	20.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	16247	5.62	ng/uL#	79
4) Benzaldehyde	7.20	77	116739	22.05	ng/ul	97
6) Phenol	7.24	94	165331	19.22	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.47	93	141907	20.33	ng/ul	88
10) 2-Chlorophenol	7.62	128	127973	19.50	ng/ul#	90
11) 2-Methylphenol	8.49	108	121221	18.50	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	159590	19.62	ng/ul#	92
14) Acetophenone	8.88	105	217220	20.42	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.86	70	99504	19.83	ng/ul	97
16) 4-Methylphenol	8.82	108	133412	18.77	ng/ul	99
17) Hexachloroethane	9.15	117	55518	20.40	ng/ul	91
20) Nitrobenze	9.26	77	148530	19.63	ng/ul	96
21) Isophorone	9.78	82	271957	19.04	ng/ul	95
23) 2-Nitrophenol	9.97	139	65367	20.96	ng/ul#	87
24) 2,4-Dimethylphenol	10.02	107	131125	18.69	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	182100	19.54	ng/ul	100
27) 2,4-Dichlorophenol	10.51	162	130032	20.24	ng/ul	97
28) Naphthalene	10.91	128	482530	20.03	ng/ul	99
30) 4-Chloroaniline	11.01	127	178307	20.82	ng/ul	99
31) Hexachlorobutadiene	11.20	225	91027	19.59	ng/ul	97
32) Caprolactam	11.75	113	39477m	17.09	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	126031	20.08	ng/ul	89
34) 2-Methylnaphthalene	12.51	142	370636	20.58	ng/ul	99

SJ 3/15/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	184028	21.96	ng/ul#	96
37) Hexachlorocyclopentadiene	12.86	237	83795	19.00	ng/ul	98
38) 2,4,6-Trichlorophenol	13.11	196	95931	22.02	ng/ul	97
39) 2,4,5-Trichlorophenol	13.18	196	107141	22.89	ng/ul	100
40) 1,1'-Biphenyl	13.51	154	481477	22.09	ng/ul	98
41) 2-Chloronaphthalene	13.55	162	356385	21.93	ng/ul	92
42) 2-Nitroaniline	13.74	65	81243	21.95	ng/ul	98
44) Dimethylphthalate	14.11	163	408457	21.62	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	90144	23.35	ng/ul	98
47) Acenaphthylene	14.39	152	583798	22.37	ng/ul	96
48) 3-Nitroaniline	14.56	138	97806	22.85	ng/ul	93
49) Acenaphthene	14.73	153	407668	22.28	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	25154	14.00	ng/ul	93
52) 4-Nitrophenol	14.86	109	46729	21.31	ng/ul#	71
53) Dibenzofuran	15.06	168	572204	22.34	ng/ul	89
54) 2,4-Dinitrotoluene	15.02	165	137703	23.84	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.29	232	92514	22.11	ng/ul#	92
56) Diethylphthalate	15.47	149	391902	21.15	ng/ul	97
58) Fluorene	15.71	166	472352	22.21	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.70	204	224693	22.13	ng/ul#	86
60) 4-Nitroaniline	15.72	138	107102	21.46	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.77	198	60326	16.55	ng/ul	92
64) N-Nitrosodiphenylamine	15.91	169	390223	19.76	ng/ul	94
65) 4-Bromophenyl-phenylether	16.58	248	146150	19.68	ng/ul#	85
66) Hexachlorobenzene	16.71	284	157956	19.39	ng/ul#	92
67) Atrazine	16.84	200	126866	17.79	ng/ul	98
68) Pentachlorophenol	17.05	266	67967	16.37	ng/ul	96
69) Phenanthrene	17.44	178	772660	20.29	ng/ul	99
71) Anthracene	17.53	178	794728	20.70	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	171479	19.94	ng/uL	97
73) Pentachlorobenzene	14.99	250	176485	20.02	ng/uL	99
74) Carbazole	17.80	167	710018	20.60	ng/ul	95
75) Di-n-butylphthalate	18.35	149	653163	18.73	ng/ul	99
76) Fluoranthene	19.44	202	902696	21.02	ng/ul	98
79) Pyrene	19.80	202	920554	22.82	ng/ul	99
80) Butylbenzylphthalate	20.67	149	221302	16.76	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.54	252	227048	16.63	ng/ul	98
82) Benzo(a)anthracene	21.63	228	885602	20.46	ng/ul	97
83) Bis(2-ethyl)phthalate	21.53	149	349207	16.95	ng/ul#	94
84) Chrysene	21.69	228	829188	20.02	ng/ul	98
86) Di-n-octyl phthalate	22.72	149	590302	17.25	ng/ul	99
87) Benzo(b)fluoranthene	23.82	252	866634	20.46	ng/ul	99
88) Benzo(k)fluoranthene	23.89	252	879937	21.32	ng/ul	97
90) Benzo(a)pyrene	24.69	252	874614	21.01	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.46	276	1012906	20.19	ng/ul	95
92) Dibenzo(a,h)anthracene	28.53	278	829363	20.03	ng/ul	100
93) Benzo(g,h,i)perylene	29.60	276	847399	20.33	ng/ul	99

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