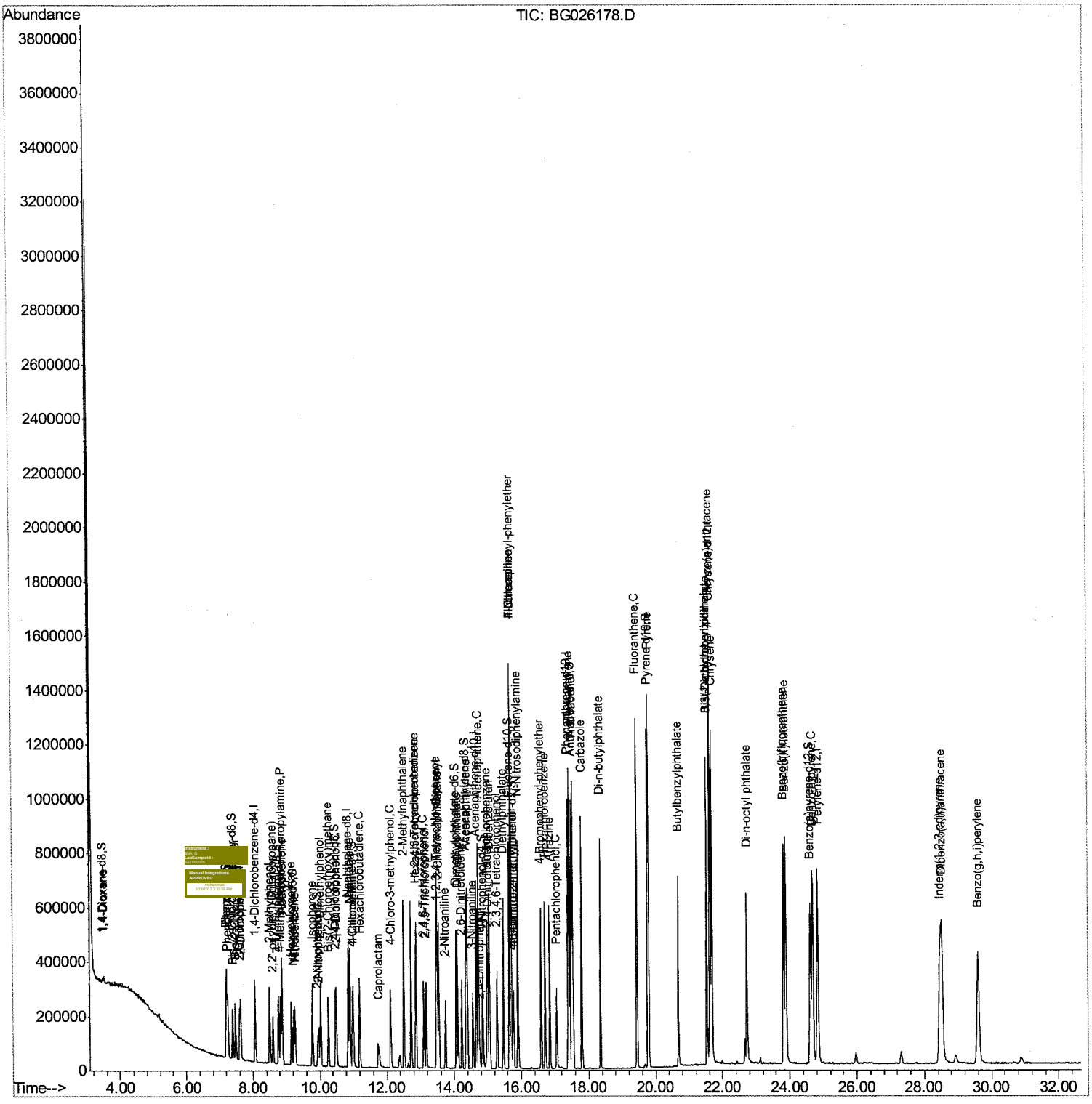
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
Data File : BG026178.D
Acq On : 10 Mar 2017 18:04
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 00:28:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 23:28:49 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
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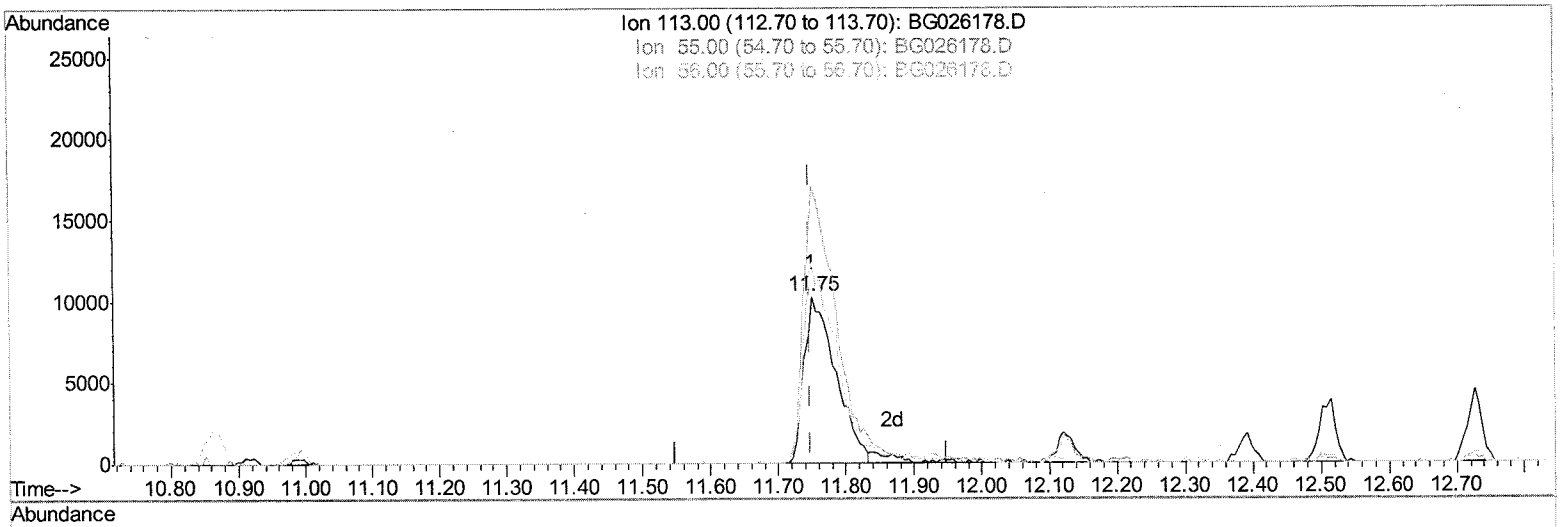

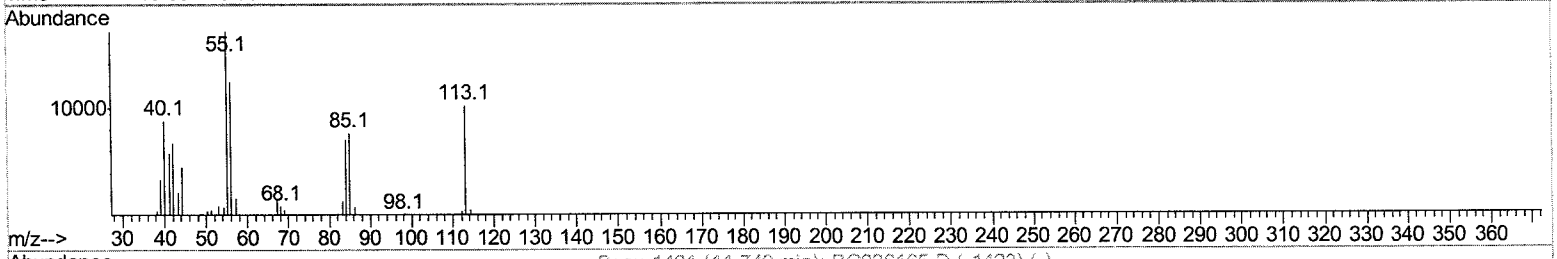

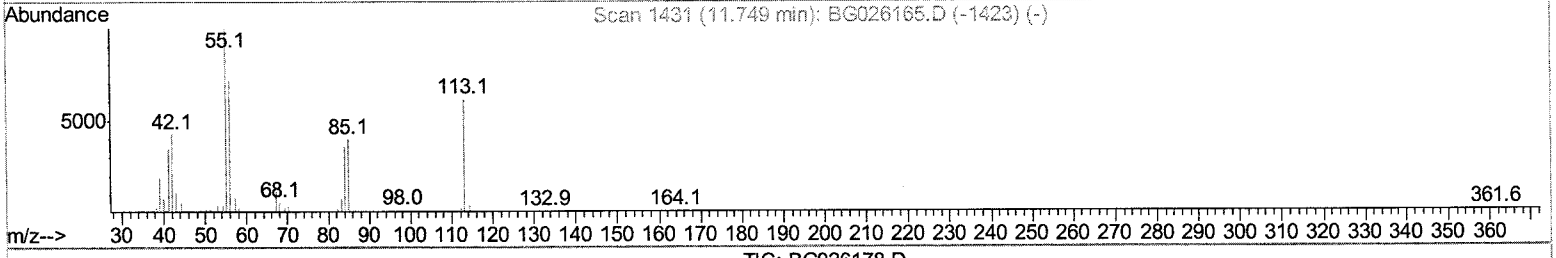

TIC: BG026178.D

(32) Caprolactam

11.751min (+0.002) 17.58ng/ul

response 33218

Ion	Exp%	
113.00	100	100
55.00	127.40	166.27#
56.00	101.50	121.06
0.00	0.00	0.00

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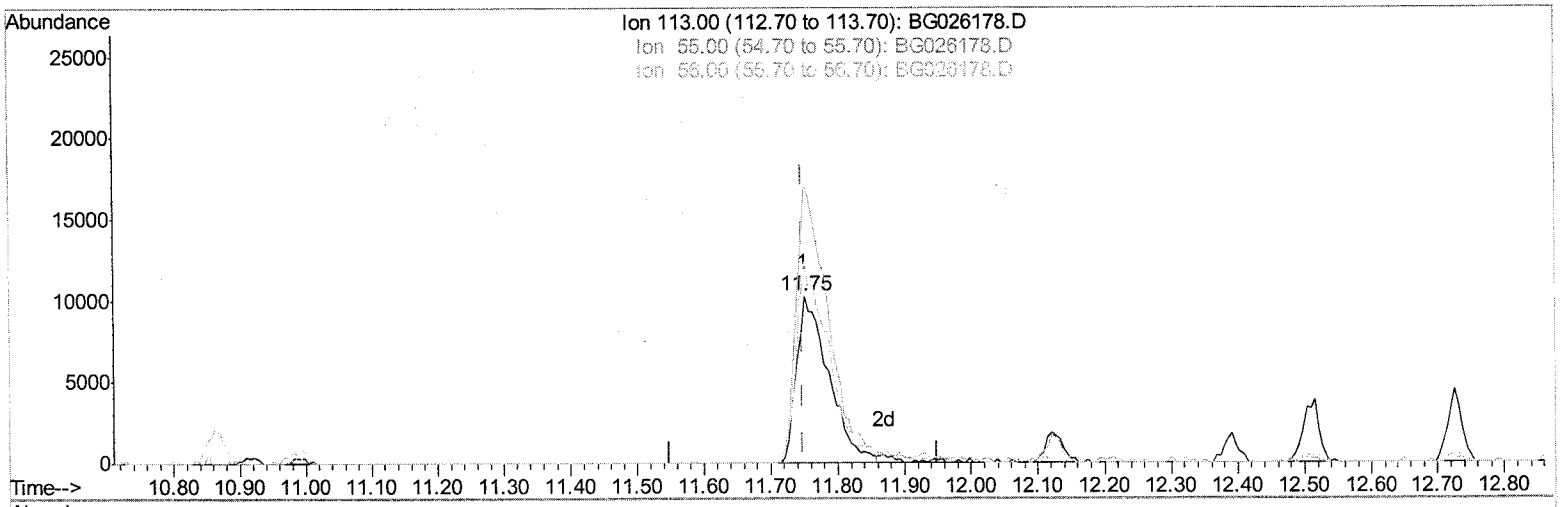

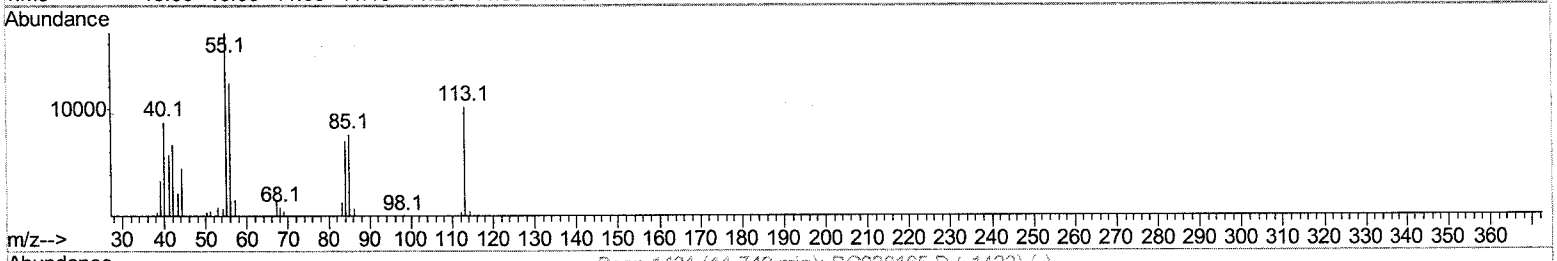

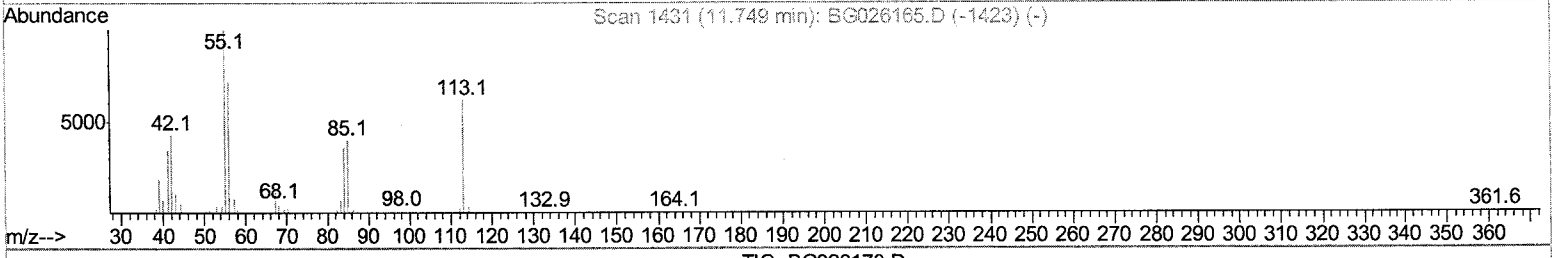

TIC: BG026178.D

(32) Caprolactam

11.751min (+0.002) 17.97ng/ul m SJ 3/13/17

response 33954

Ion	Exp%	
113.00	100	100
55.00	127.40	166.27#
56.00	101.50	121.06
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	92552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	404430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	244095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	620068	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	727422	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	691840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	11858	5.51	ng/uL	0.00
5) Phenol-d5	7.21	99	129389	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	86818	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	110319	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	103608	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	58599	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	48783	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	115853	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	142595	19.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	366309	23.07	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	485574	22.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	65861	21.06	ng/ul	0.00
57) Fluorene-d10	15.65	176	362352	23.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	47101	16.19	ng/ul	0.00
70) Anthracene-d10	17.50	188	580897	20.64	ng/ul	0.00
78) Pyrene-d10	19.77	212	660950	22.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	617024	20.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	12463	5.20	ng/uL#	87
4) Benzaldehyde	7.20	77	97034	22.12	ng/ul	95
6) Phenol	7.24	94	137998	19.36	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	116172	20.08	ng/ul	90
10) 2-Chlorophenol	7.63	128	109144	20.07	ng/ul	93
11) 2-Methylphenol	8.50	108	102623	18.90	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.59	45	134187	19.91	ng/ul#	90
14) Acetophenone	8.88	105	183502	20.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	78548	18.89	ng/ul	95
16) 4-Methylphenol	8.82	108	112143	19.04	ng/ul	97
17) Hexachloroethane	9.15	117	47086	20.88	ng/ul	95
20) Nitrobenze	9.26	77	126548	20.45	ng/ul	98
21) Isophorone	9.78	82	231560	19.82	ng/ul	96
23) 2-Nitrophenol	9.97	139	53313	20.90	ng/ul#	91
24) 2,4-Dimethylphenol	10.02	107	111851	19.49	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.26	93	150884	19.79	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	109886	20.91	ng/ul	96
28) Naphthalene	10.92	128	401562	20.38	ng/ul	99
30) 4-Chloroaniline	11.02	127	143991	20.55	ng/ul	98
31) Hexachlorobutadiene	11.20	225	75252	19.80	ng/ul	98
32) Caprolactam	11.75	113	33954m>	17.97	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	105652	20.58	ng/ul#	83
34) 2-Methylnaphthalene	12.51	142	309338	21.00	ng/ul	99

SJ 3/13/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	153539	22.25 ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	68504	18.87 ng/ul	99
38) 2,4,6-Trichlorophenol	13.11	196	81782	22.80 ng/ul	99
39) 2,4,5-Trichlorophenol	13.18	196	91602	23.77 ng/ul	96
40) 1,1'-Biphenyl	13.51	154	404814	22.56 ng/ul	98
41) 2-Chloronaphthalene	13.55	162	295457	22.09 ng/ul	93
42) 2-Nitroaniline	13.74	65	65104	21.36 ng/ul	93
44) Dimethylphthalate	14.11	163	350156	22.51 ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	75148	23.65 ng/ul	98
47) Acenaphthylene	14.39	152	490141	22.81 ng/ul	97
48) 3-Nitroaniline	14.56	138	78785	22.36 ng/ul#	90
49) Acenaphthene	14.73	153	350133	23.24 ng/ul	96
50) 2,4-Dinitrophenol	14.76	184	22736	15.36 ng/ul#	90
52) 4-Nitrophenol	14.86	109	40000	22.15 ng/ul#	64
53) Dibenzofuran	15.06	168	490835	23.27 ng/ul	89
54) 2,4-Dinitrotoluene	15.02	165	116944	24.59 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.29	232	82577	23.97 ng/ul	92
56) Diethylphthalate	15.47	149	359143	23.54 ng/ul	97
58) Fluorene	15.71	166	410042	23.41 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.70	204	188613	22.56 ng/ul#	87
60) 4-Nitroaniline	15.71	138	89864	21.87 ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.78	198	51015	16.22 ng/ul#	88
64) N-Nitrosodiphenylamine	15.90	169	335893	19.71 ng/ul	96
65) 4-Bromophenyl-phenylether	16.59	248	127168	19.85 ng/ul#	83
66) Hexachlorobenzene	16.72	284	138423	19.70 ng/ul	90
67) Atrazine	16.84	200	114799	18.66 ng/ul	95
68) Pentachlorophenol	17.05	266	59669	16.66 ng/ul	98
69) Phenanthrene	17.44	178	684676	20.83 ng/ul	98
71) Anthracene	17.53	178	697242	21.05 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	147499	19.88 ng/uL	99
73) Pentachlorobenzene	14.99	250	146984	19.32 ng/uL	99
74) Carbazole	17.79	167	638088	21.46 ng/ul	96
75) Di-n-butylphthalate	18.35	149	615270	20.44 ng/ul	100
76) Fluoranthene	19.44	202	823412	22.22 ng/ul	99
79) Pyrene	19.80	202	834513	22.50 ng/ul	99
80) Butylbenzylphthalate	20.68	149	186274	15.34 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.53	252	166433	13.25 ng/ul	99
82) Benzo(a)anthracene	21.63	228	813028	20.42 ng/ul	97
83) Bis(2-ethyl)phthalate	21.53	149	319628	16.87 ng/ul#	99
84) Chrysene	21.69	228	782264	20.54 ng/ul	97
86) Di-n-octyl phthalate	22.73	149	552716	17.84 ng/ul	98
87) Benzo(b)fluoranthene	23.82	252	795748	20.74 ng/ul	99
88) Benzo(k)fluoranthene	23.89	252	809896	21.67 ng/ul	99
90) Benzo(a)pyrene	24.69	252	785815	20.84 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.46	276	922140	20.29 ng/ul	93
92) Dibenzo(a,h)anthracene	28.52	278	757847	20.21 ng/ul	99
93) Benzo(g,h,i)perylene	29.60	276	774214	20.51 ng/ul	98

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