Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
Data File : BG021506.D
Acq On : 25 Mar 2016 8:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 23:26:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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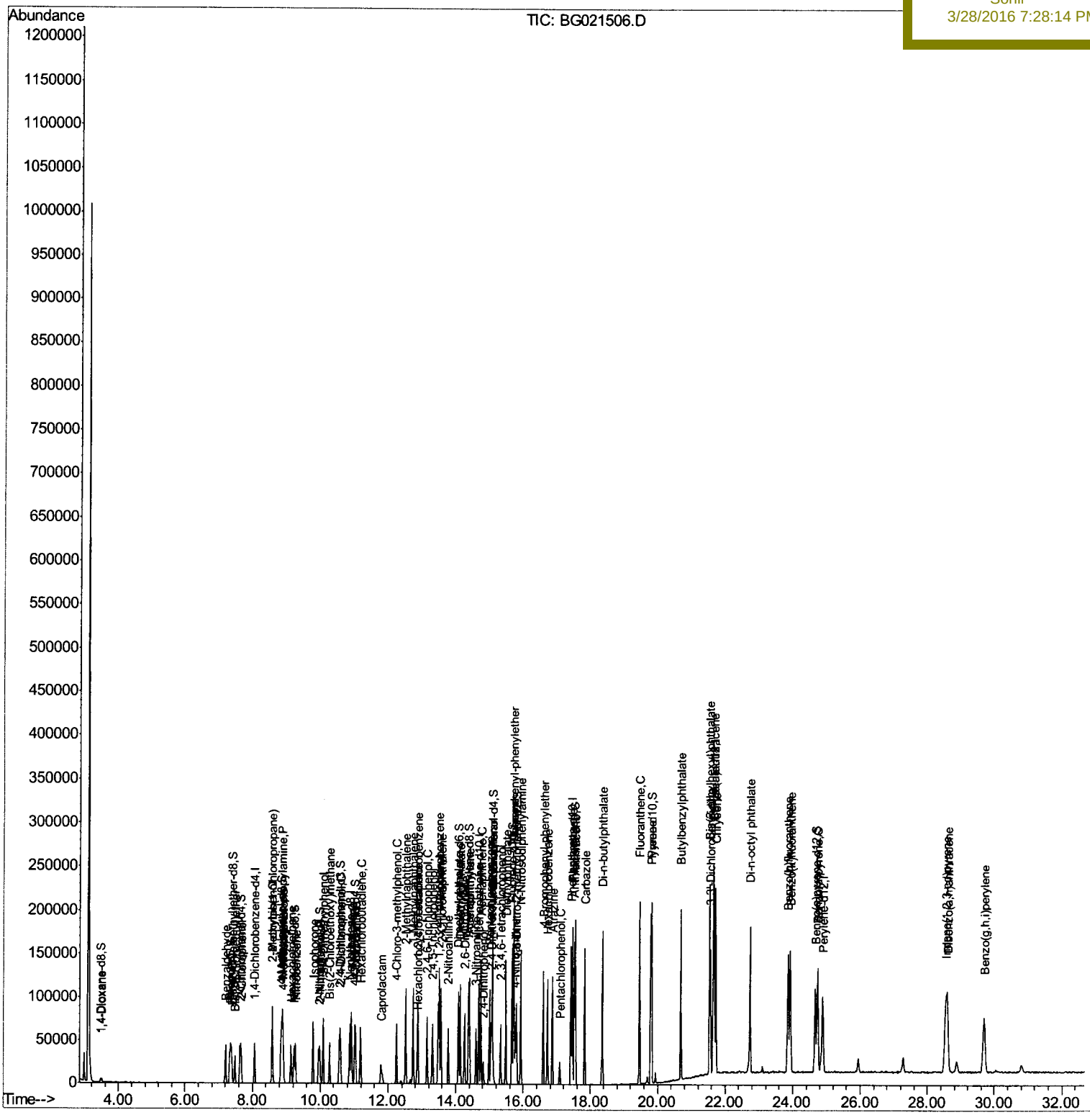

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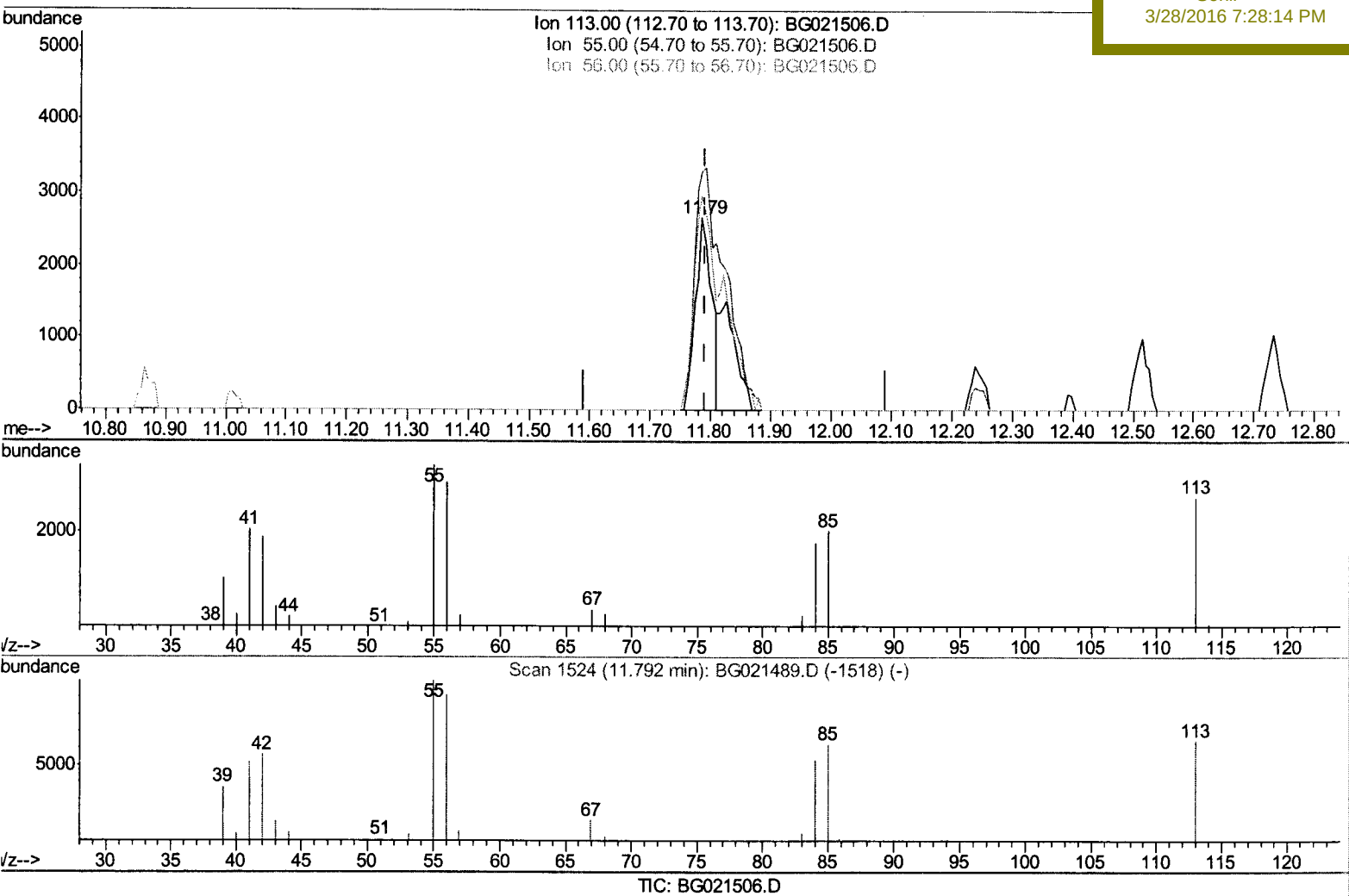

TIC: BG021506.D

(32) Caprolactam

11.786min (-0.006) 14.53ng/ul

response 4998

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	123.05#
56.00	132.10	111.19
0.00	0.00	0.00

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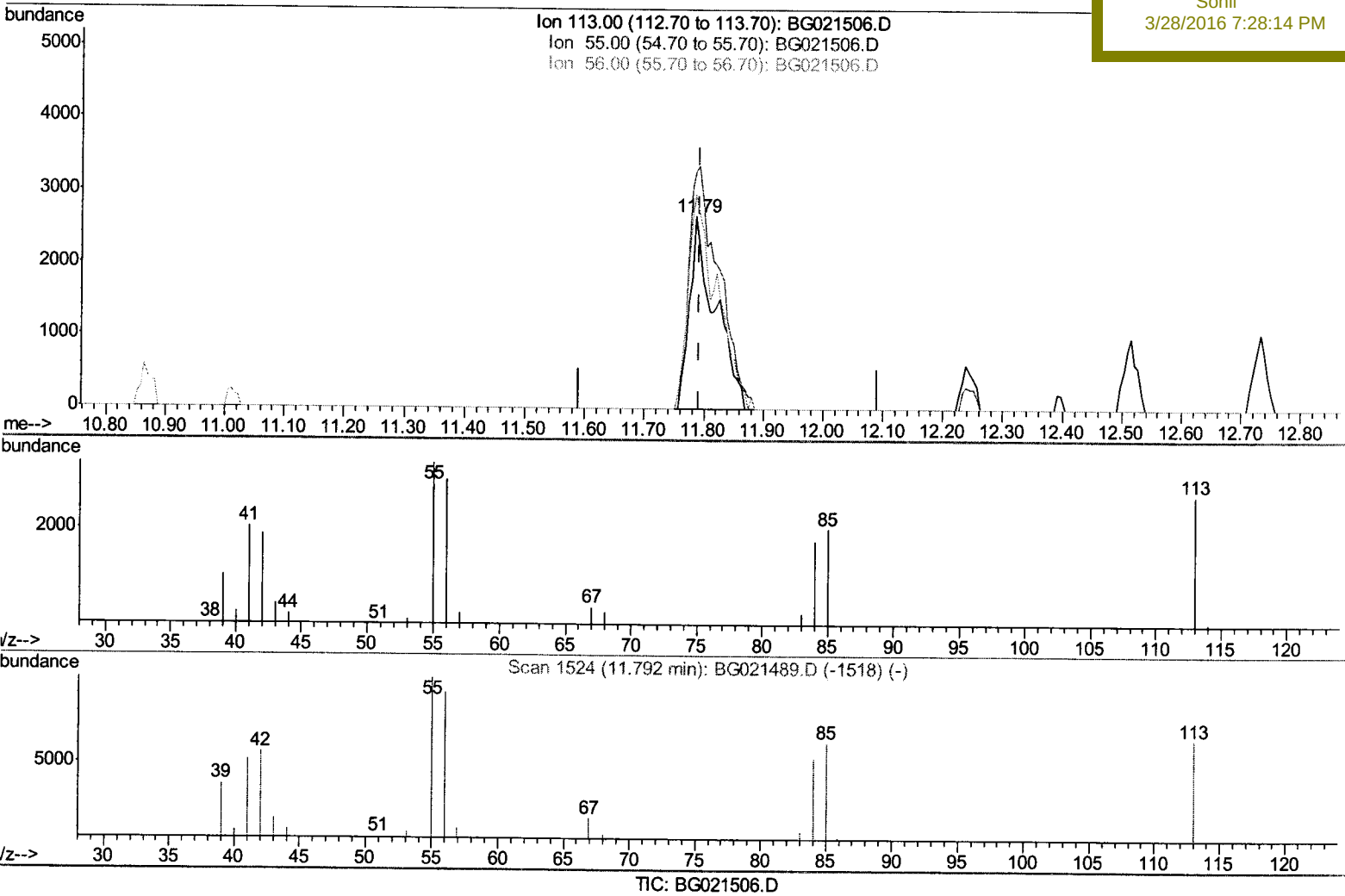

TIC: BG021506.D

(32) Caprolactam

11.786min (-0.006) 23.10ng/ul m > U·M 04/08/16

response 7947

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	123.05#
56.00	132.10	111.19
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	12226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	57547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	38216	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	91893	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	103291	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	100195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2353	8.64	ng/uL	0.00
5) Phenol-d5	7.33	99	24220	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	15052	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	18197	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	22979	23.21	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	10168	23.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	11225	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	20944	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	28135	24.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	67842	21.32	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	84669	21.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	9079	17.85	ng/ul	0.00
58) Fluorene-d10	15.66	176	60051	20.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	12553	20.68	ng/ul	0.00
71) Anthracene-d10	17.52	188	95879	21.29	ng/ul	0.00
79) Pyrene-d10	19.79	212	104833	21.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	97929	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3076	8.36	ng/uL#	93
4) Benzaldehyde	7.20	77	16855	23.93	ng/ul	98
6) Phenol	7.36	94	25615	20.96	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.48	93	18446	20.85	ng/ul	90
10) 2-Chlorophenol	7.67	128	19832	21.98	ng/ul	90
11) 2-Methylphenol	8.58	108	20007	21.27	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.59	45	22705	21.28	ng/ul#	1
14) Acetophenone	8.88	105	34010	21.06	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.87	70	19709	22.01	ng/ul#	94
16) 4-Methylphenol	8.91	108	22301	20.90	ng/ul	93
17) Hexachloroethane	9.14	117	8172	21.59	ng/ul#	86
20) Nitrobenzene	9.28	77	28182	23.11	ng/ul	99
21) Isophorone	9.79	82	52455	22.31	ng/ul#	97
23) 2-Nitrophenol	9.98	139	12208	22.41	ng/ul	94
24) 2,4-Dimethylphenol	10.08	107	27790	22.60	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	26672	21.78	ng/ul	94
27) 2,4-Dichlorophenol	10.59	162	20956	22.88	ng/ul	98
28) Naphthalene	10.92	128	67587	22.15	ng/ul	99
30) 4-Chloroaniline	11.03	127	28869	23.85	ng/ul	98
31) Hexachlorobutadiene	11.19	225	14546	21.56	ng/ul	97
32) Caprolactam	11.79	113	7947m	23.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	25925	23.17	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	50101	22.13	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	48411	22.03	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	29419	21.99	ng/ul	96
38) Hexachlorocyclopentadiene	12.85	237	7135	14.56	ng/ul	99
39) 2,4,6-Trichlorophenol	13.14	196	17948	22.82	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	19950	23.24	ng/ul	93
41) 1,1'-Biphenyl	13.51	154	67774	21.68	ng/ul	96
42) 2-Chloronaphthalene	13.56	162	52879	21.63	ng/ul	98
43) 2-Nitroaniline	13.78	65	19637	23.03	ng/ul	93
45) Dimethylphthalate	14.13	163	70547	21.34	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	14942	22.15	ng/ul	90
48) Acenaphthylene	14.40	152	85042	21.88	ng/ul	96
49) 3-Nitroaniline	14.59	138	15035	24.09	ng/ul	94
50) Acenaphthene	14.74	153	57899	21.60	ng/ul	95
51) 2,4-Dinitrophenol	14.81	184	6972	20.51	ng/ul	83
53) 4-Nitrophenol	15.09	109	11398	21.60	ng/ul#	26
54) Dibenzofuran	15.08	168	81739	21.77	ng/ul	94
55) 2,4-Dinitrotoluene	15.05	165	22157	22.40	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.32	232	14676	23.39	ng/ul#	91
57) Diethylphthalate	15.48	149	74345	21.04	ng/ul	99
59) Fluorene	15.72	166	70552	21.49	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.71	204	36732	21.30	ng/ul	97
61) 4-Nitroaniline	15.76	138	15418	23.57	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	13570	21.17	ng/ul	95
65) N-Nitrosodiphenylamine	15.93	169	62980	22.12	ng/ul	99
66) 4-Bromophenyl-phenylether	16.60	248	23431	21.83	ng/ul	91
67) Hexachlorobenzene	16.72	284	24228	21.40	ng/ul	96
68) Atrazine	16.87	200	24305	21.17	ng/ul	99
69) Pentachlorophenol	17.09	266	5678	18.96	ng/ul	85
70) Phenanthrene	17.46	178	110450	21.22	ng/ul	98
72) Anthracene	17.55	178	116095	21.92	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	28958	22.51	ng/uL	92
74) Pentachlorobenzene	14.99	250	28500	21.34	ng/uL	96
75) Carbazole	17.83	167	95888	20.93	ng/ul	97
76) Di-n-butylphthalate	18.36	149	123679	20.92	ng/ul	100
77) Fluoranthene	19.46	202	129114	20.56	ng/ul#	94
80) Pyrene	19.82	202	133568	21.70	ng/ul#	92
81) Butylbenzylphthalate	20.69	149	56908	21.89	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.57	252	49914	23.30	ng/ul#	97
83) Benzo(a)anthracene	21.65	228	138260	22.17	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	83415	21.94	ng/ul	98
85) Chrysene	21.72	228	128154	21.70	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	144991	21.32	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	138994	21.60	ng/ul	98
89) Benzo(k)fluoranthene	23.93	252	133351	21.09	ng/ul	98
91) Benzo(a)pyrene	24.74	252	134288	21.49	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.54	276	152510	21.48	ng/ul	95
93) Dibenzo(a,h)anthracene	28.60	278	130197	21.55	ng/ul	95
94) Benzo(g,h,i)perylene	29.69	276	127247	21.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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